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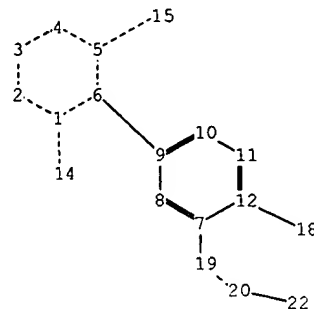
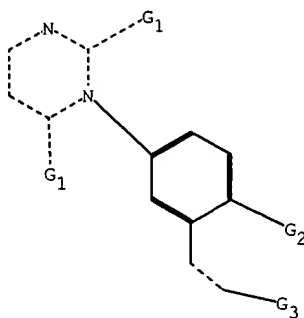
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chain nodes :

14 15 18 19 20 22

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

1-14 5-15 6-9 7-19 12-18 19-20 20-22

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

1-2 1-6 1-14 2-3 3-4 4-5 5-6 5-15 6-9 12-18 19-20 20-22

exact bonds :

7-19

normalized bonds :

7-8 7-12 8-9 9-10 10-11 11-12

G1:O,S

G2:X,CN,CF3,NO2

G3:C,CN

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 14:CLASS 15:CLASS 18:CLASS 19:CLASS
20:CLASS 22:CLASS

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NEWS 11 Dec 17 Merged CEABA-VTB for chemical engineering and
biotechnology
NEWS 12 Dec 17 Corrosion Abstracts on STN
NEWS 13 Dec 17 SYNTHLINE from Prous Science now available on STN
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Uploading c:\stnexp4\queries\09733554.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> s l1

SAMPLE SEARCH INITIATED 11:15:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED 8 ITERATIONS
SEARCH TIME: 00.00.02

3 ANSWERS

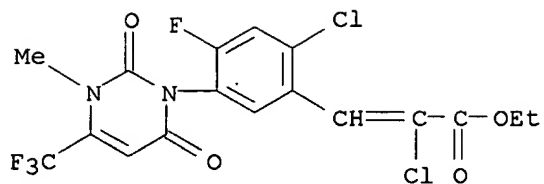
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8 TO 329
PROJECTED ANSWERS: 3 TO 163

L3 3 SEA SSS SAM L1

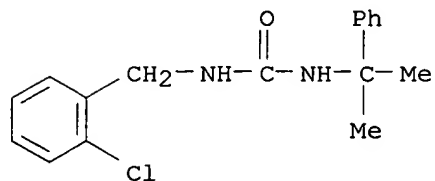
=> d scan

L3 3 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN 2-Propenoic acid,
2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-
(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, ethyl ester, mixt.
with N-[(2-chlorophenyl)methyl]-N'-(1-methyl-1-phenylethyl)urea (9CI)
MF C17 H19 Cl N2 O . C17 H12 Cl2 F4 N2 O4
CI MXS

CM 1

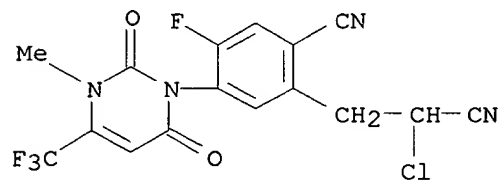


CM 2

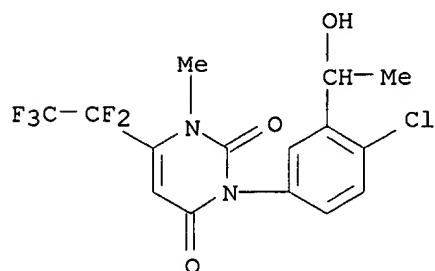


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L3 3 ANSWERS REGISTRY COPYRIGHT 2001 ACS
 IN Benzenepropanenitrile,
 .alpha.-chloro-2-cyano-5-[3,6-dihydro-3-methyl-2,6-
 dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro- (9CI)
 MF C16 H9 Cl F4 N4 O2



L3 3 ANSWERS REGISTRY COPYRIGHT 2001 ACS
 IN 2,4(1H,3H)-Pyrimidinedione,
 3-[4-chloro-3-(1-hydroxyethyl)phenyl]-1-methyl-
 6-(pentafluoroethyl)- (9CI)
 MF C15 H12 Cl F5 N2 O3



ALL ANSWERS HAVE BEEN SCANNED

=> s l1 ful

FULL SEARCH INITIATED 11:16:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 226 TO ITERATE

100.0% PROCESSED 226 ITERATIONS
SEARCH TIME: 00.00.04

159 ANSWERS

L4 159 SEA SSS FUL L1

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ENTER SCREEN EXPRESSION OR (END):end

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Uploading c:\stnexp4\queries\09733554.str

L5 STRUCTURE UPLOADED

=> que L5

L6 QUE L5

=> s 15

SAMPLE SEARCH INITIATED 11:19:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS
SEARCH TIME: 00.00.02

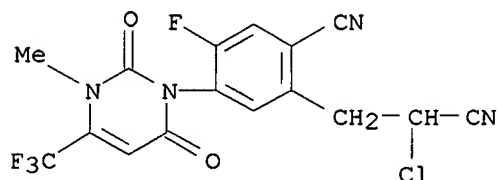
2 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
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PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 2 TO 124

L7 2 SEA SSS SAM L5

=> d scan

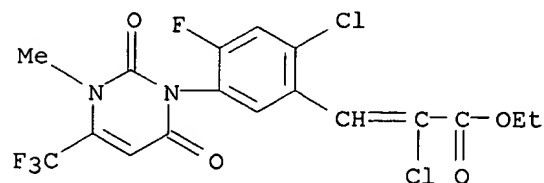
L7 2 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN Benzenepropanenitrile,
.alpha.-chloro-2-cyano-5-[3,6-dihydro-3-methyl-2,6-
dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro- (9CI)
MF C16 H9 Cl F4 N4 O2



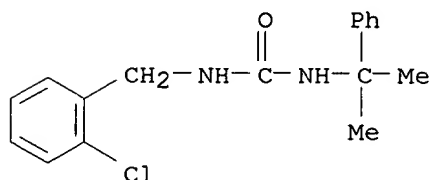
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L7 2 ANSWERS REGISTRY COPYRIGHT 2001 ACS
 IN 2-Propenoic acid,
 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-
 (trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, ethyl ester, mixt.
 with N-[(2-chlorophenyl)methyl]-N'-(1-methyl-1-phenylethyl)urea (9CI)
 MF C17 H19 Cl N2 O . C17 H12 Cl2 F4 N2 O4
 CI MXS

CM 1



CM 2



ALL ANSWERS HAVE BEEN SCANNED

=> s 15 ful sub=14

FULL SUBSET SEARCH INITIATED 11:20:06 FILE 'REGISTRY'
 FULL SUBSET SCREEN SEARCH COMPLETED - 101 TO ITERATE

100.0% PROCESSED 101 ITERATIONS 101 ANSWERS
 SEARCH TIME: 00.00.04

L8 101 SEA SUB=L4 SSS FUL L5

=> fil caplus

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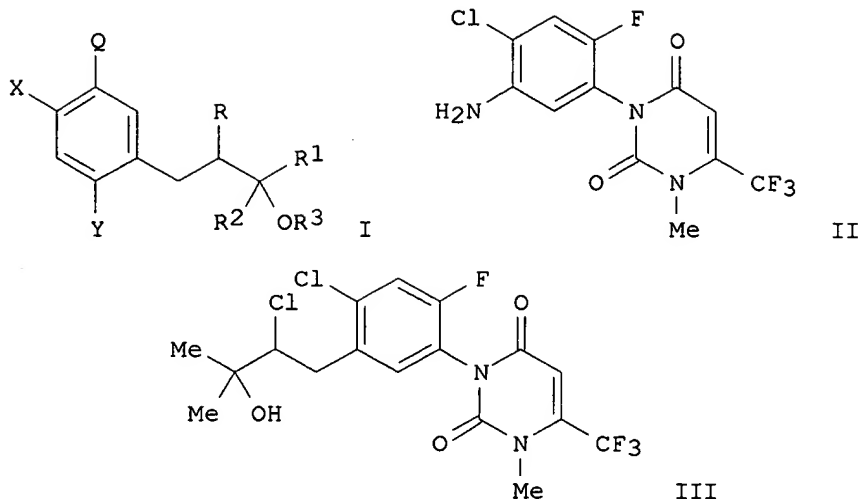
L9 13 L8

=> d ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 13 ANSWERS - CONTINUE? Y/(N):y

~~L9~~ ANSWER 1 OF 13 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:784306 CAPLUS
DOCUMENT NUMBER: 133:350234
TITLE: Herbicidal [(hydroxyalkyl)phenyl]-substituted heterocycles
INVENTOR(S): Theodoridis, George; Crawford, Scott D.; Maravetz, Lester L.
PATENT ASSIGNEE(S): FMC Corp., USA
SOURCE: Statutory Invent. Regist., 9 pp.
CODEN: SRXXEV
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 1923	H1	20001107	US 1998-113867	19980710
PRIORITY APPLN. INFO.:			US 1997-52368	19970711
OTHER SOURCE(S):	MARPAT 133:350234			
GI				



AB The title heterocycles I [Q = 3-substituted 3,6-dihydro-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl, 4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl, 4-halo-5-(difluoromethoxy)-1-methyl-1H-pyrazol-3-yl, 3,4,5,6-tetrahydrophthalimido, 5-oxo-4-(3-fluoropropyl)-4,5-dihydro-1H-tetrazol-1-yl, 3-chloro-4,5,6,7-tetrahydro-2H-indazol-2-yl, 5,6,7,8-tetrahydro-3-oxo-1,2,4-triazolo[4,3-a]pyridin-2(3H)-yl, 4,5-dihydro-4-methyl-3,5-dioxo-1,2,4-triazin-2(3H)-yl, (tetrahydro-3-oxo-1H,3H-[1,3,4]-thiadiazolo[3,4-a]pyridazin-1-ylidene)amino; R = H, halo, alkyl, R1 = H, cyano, alkyl; R2 = H, alkyl;

R3 = H, acyl, alkoxycarbonyl, alkylcarbamoyl, cycloalkylcarbamoyl; X = H, halo; Y = halo, cyano, alkyl, haloalkyl, alkoxy, haloalkoxy, NO2] were prepd. and were useful as pre-emergent and post-emergent herbicides. Preferred I are those compds. where Y and R are chloro; R1 and R2 are H

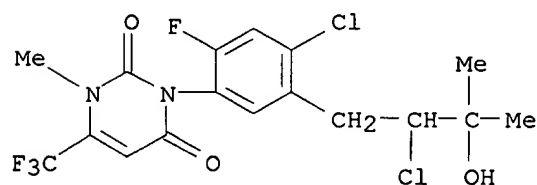
or Me; R3 is H or alkylcarbamoyl; X is F; and Q is a 3-substituted 3,6-dihydro-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl group. Thus, reaction of 2-methyl-3-buten-2-ol with the (aminophenyl)pyrimidinedione

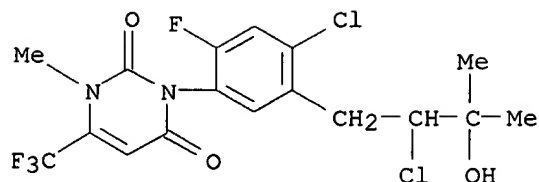
II MeCN contg. CuCl2 and tert-Bu nitrite gave the [(chlorohydroxyisopentyl)phenyl]pyrimidinedione III which had both preemergence and postemergence herbicidal activity (100% control) against velvet leaf, morning glory, chickweed, and green foxtail at 0.3 Kg/Ha.

IT 305798-56-5P RL: ARG (Analytical reagent use); RCT (Reactant); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses) (prepn. of herbicidal [(hydroxyalkyl)phenyl] heterocyclic compds. via diazotization/addn. of aminophenyl heterocyclic compds. with alkenols)

RN 305798-56-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-5-(2-chloro-3-hydroxy-3-methylbutyl)-2-fluorophenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)





IT 305798-58-7P

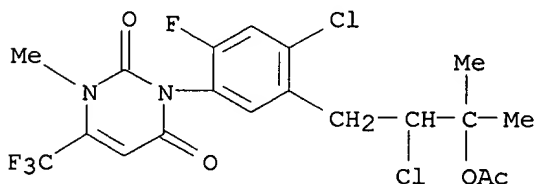
RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)
(prepn. of herbicidal [(hydroxyalkyl)phenyl] heterocyclic compds. via diazotization/addn. of aminophenyl heterocyclic compds. with alkenols)

RN 305798-58-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione,

3-[5-[3-(acetyloxy)-2-chloro-3-methylbutyl]-4-

chloro-2-fluorophenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

8

REFERENCE (S):

- (1) Ager; US 5621112 1997 CAPLUS
 - (2) Anon; WO 9002120 1990 CAPLUS
 - (3) Anon; WO 9532188 1995 CAPLUS
 - (4) Edwards; US 5519022 1996 CAPLUS
 - (5) Ishii; US 5116404 1992 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 2 OF 13 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:33546 CAPLUS

DOCUMENT NUMBER: 132:64270

TITLE: Preparation of aryloxyaryluracils as herbicides.

INVENTOR(S): Andree, Roland; Schwarz, Hans-Georg; Drewes, Mark Wilhelm; Feucht, Dieter; Pontzen, Rolf; Wetcholowsky, Ingo

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 34 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

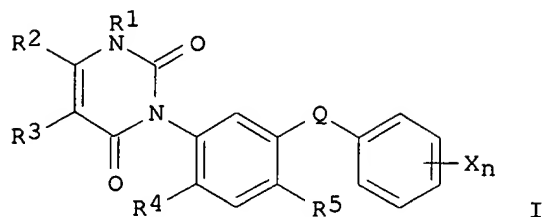
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19853864	A1	20000113	DE 1998-19853864	19981123
WO 2000002866	A1	20000120	WO 1999-EP4585	19990702

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

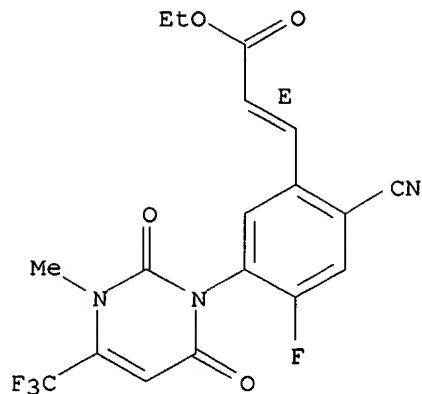
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,

ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 9950299 A1 20000201 AU 1999-50299 19990702
 PRIORITY APPLN. INFO.: DE 1998-19830693 19980709
 DE 1998-19853864 19981123
 WO 1999-EP4585 19990702
 OTHER SOURCE(S): MARPAT 132:64270
 GI



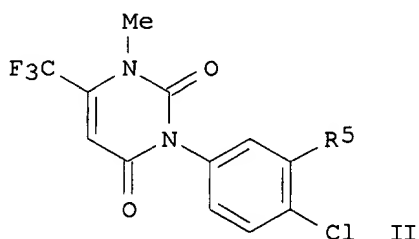
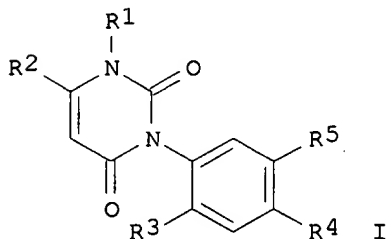
AB Title compds. [I; n = 0-5; Q = O, S, SO, SO₂, NH, alkylimino; R₁ = H, amino, (substituted) alkyl; R₂ = CO₂H, cyano, carbamoyl, thiocarbamoyl, (substituted) alkyl, alkoxycarbonyl; R₃ = H, halo, (substituted) alkyl;
 R₄ = H, cyano, carbamoyl, thiocarbamoyl, halo; R₅ = cyano, carbamoyl, thiocarbamoyl, halo, (substituted) alkyl, alkoxy; X = OH, SH, amino, NO₂, cyano, CO₂H, carbamoyl, thiocarbamoyl, halo, (substituted) alkyl, alkoxy, alkylthio, etc.], were prepd. as herbicides (no data). Thus, 4-methoxyphenol was stirred 30 min. with NaH in Me₂SO; 4-(3,6-dihydro-2,6-dioxo-4-trifluoromethyl-1(2H)pyrimidin-1-yl)-2,5-difluorobenzonitrile was added followed by 18 h stirring at 60.degree. to give 21%
 4-(3,6-dihydro-2,6-dioxo-4-trifluoromethyl-1(2H)-pyrimidin-1-yl)-5-fluoro-2-(4-methoxyphenoxy)benzonitrile. Two I were said to show strong herbicidal activity.
 IT **253435-80-2P**
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of aryloxyaryluracils as herbicides)
 RN 253435-80-2 CAPLUS
 CN 2-Propenoic acid, 3-[2-cyano-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, ethyl ester, (2E)-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



19 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1998:204460 CAPLUS
 DOCUMENT NUMBER: 128:257283
 TITLE: Process for the production of 3-aryl-uracils
 INVENTOR(S): Sting, Andrea Rolf
 PATENT ASSIGNEE(S): Novartis A.-G., Switz.
 SOURCE: Eur. Pat. Appl., 27 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 831091	A2	19980325	EP 1997-116411	19970919
EP 831091	A3	19980415		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2216323	AA	19980323	CA 1997-2216323	19970919
JP 10120659	A2	19980512	JP 1997-256704	19970922
PRIORITY APPLN. INFO.:			CH 1996-2321	19960923
OTHER SOURCE(S):		MARPAT 128:257283		
GI				



AB Preps. of 3-aryl-uracils such as I [R1 = Me, Et; R2 = CF3, CClF2, CCl2F, C2F5; R3 = H, F, Cl; R4 = H, F, Cl, Br, CN, NO2, Me, CHF2; R5 = H, CN, NO2, OH, halogen, alkoxy, alkylthio, alkenyloxy, carboxy, etc.] were presented which used solvents, such as DMF, DMSO, MeCN, EtCN, AcOEt, THF, dioxane, in the presence of bases, such as tert-BuOK, tert-BuONa, MeONa, EtONa, MeOK, EtOK, NaH, KH, sodium pentylate, potassium pentylate and 1,8-diazabicyclo[5.4.0]undec-7-ene (DBU). Thus, uracil II (R5 = CO2CMe2CO2CH2CH:CH2) was prepd. in 86.3% yield by reaction of Et 3-methylamino-4,4,4-trifluorobut-2-enoate and 5-isoycanato-2-chlorobenzoic

acid 1-allyloxycarbonyl-1-methylethyl ester in the presence of 0.347 g of tert-BuOK in anhyd. DMF. The same reaction using anhyd. MeCN as the solvent gave II in 85% yield.

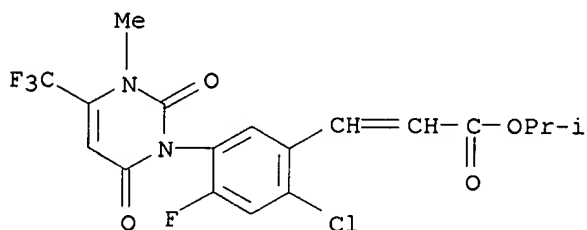
IT 133220-79-8P 205188-73-4P 205188-75-6P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(process for the prodn. of 3-aryl-uracils)

RN 133220-79-8 CAPLUS

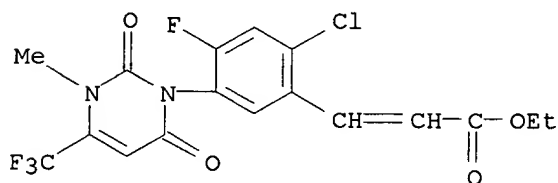
CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, 1-methylethyl ester

(9CI) (CA INDEX NAME)



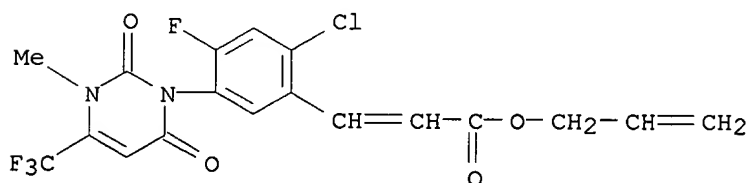
RN 205188-73-4 CAPLUS

CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, ethyl ester (9CI)
(CA INDEX NAME)



RN 205188-75-6 CAPLUS

CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, 2-propenyl ester (9CI)
(CA INDEX NAME)



L9 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1998:55726 CAPLUS

DOCUMENT NUMBER: 128:128026

TITLE: Preparation of heterocyclbenzoates and analogs as herbicides

INVENTOR(S): Andree, Roland; Drewes, Mark Wilhelm; Haas, Wilhelm; Lender, Andreas; Linker, Karl-Heinz; Schallner, Otto; Dollinger, Markus

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 26 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

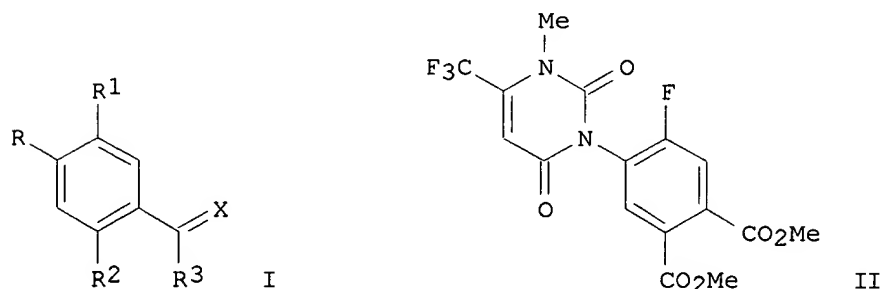
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19627901	A1	19980115	DE 1996-19627901	19960711
CA 2260201	AA	19980122	CA 1997-2260201	19970701
WO 9802422	A1	19980122	WO 1997-EP3433	19970701
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9734412	A1	19980209	AU 1997-34412	19970701
EP 912527	A1	19990506	EP 1997-930469	19970701
R: BE, CH, DE, DK, ES, FR, GB, IT, LI, NL				
CN 1225086	A	19990804	CN 1997-196302	19970701
BR 9710238	A	19990810	BR 1997-10238	19970701
JP 2000514805	T2	20001107	JP 1998-505556	19970701
PRIORITY APPLN. INFO.:				
			DE 1996-19627901	19960711
			WO 1997-EP3433	19970701

OTHER SOURCE(S): MARPAT 128:128026
GI



AB Title compds. [I; R = (un)substituted heterocyclyl(amino), etc.; R¹ = H
or halo; R² = Z¹Z²R⁴; R³ = H, OH, alkyl, alkoxy, etc.; R⁴ = H, halo, alkyl, alkoxy, etc.; X = O, S, NH; Z¹, Z² = bond, O, CO, (alkyl)imino, etc.] were
prepd. Data for biol. activity of prepd. title compd. II were given.

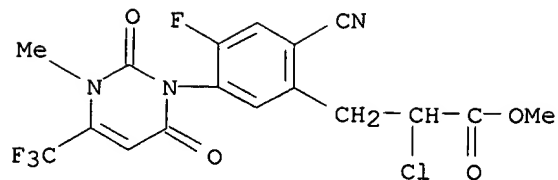
IT **187329-02-8P 187329-03-9P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of heterocyclylbenzoates and analogs as herbicides)

RN 187329-02-8 CAPLUS

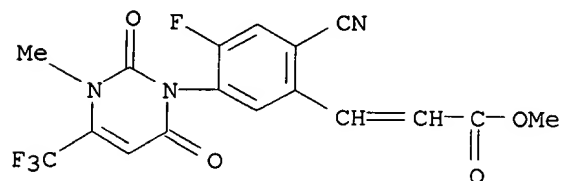
CN Benzenepropanoic acid,
.alpha.-chloro-2-cyano-5-[3,6-dihydro-3-methyl-2,6-
dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-, methyl ester
(9CI)

(CA INDEX NAME)



RN 187329-03-9 CAPLUS

CN 2-Propenoic acid, 3-[2-cyano-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, methyl ester (9CI)
(CA INDEX NAME)



~~E9~~ ANSWER 5 OF 13 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1997:805730 CAPLUS

DOCUMENT NUMBER: 128:48237

TITLE: Preparation of phenyluracils as herbicides

INVENTOR(S): Drewes, Mark Wilhelm; Andree, Roland; Dollinger, Markus

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany; Drewes, Mark Wilhelm; Andree, Roland; Dollinger, Markus

SOURCE: PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

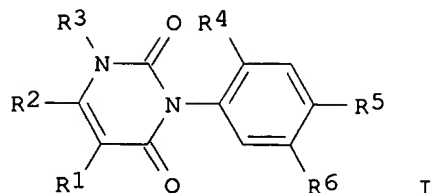
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9745418	A1	19971204	WO 1997-EP2488	19970515
W:	AU, BB, BG, BR, BY, CA, CN, CZ, HU, IL, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, TR, UA, US			
RW:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
DE 19621311	A1	19971204	DE 1996-19621311	19960528
AU 9729555	A1	19980105	AU 1997-29555	19970515
AU 716994	B2	20000316		
EP 906291	A1	19990407	EP 1997-923907	19970515
R:	BE, CH, DE, DK, ES, FR, GB, IT, LI, NL			
CN 1220663	A	19990623	CN 1997-195075	19970515
BR 9709466	A	19990810	BR 1997-9466	19970515
JP 2000510855	T2	20000822	JP 1997-541495	19970515
PRIORITY APPLN. INFO.:			DE 1996-19621311	19960528
			WO 1997-EP2488	19970515

OTHER SOURCE(S): MARPAT 128:48237

GI



AB Title compds. [I; R1 = H, halo, (un)substituted alkyl; R2 = (un)substituted alkyl; R3 = H, NH2, (un)substituted alk(en)yl, -alkynyl; R4 = H, cyano, halo; R5 = cyano or CSNH2; R6 = COR7, CR7:NR8, dialkoxymethyl, etc.; R7 = H or (un)substituted alkyl; R8 = H, OH, alkyl, alkoxy, etc.] were prepd. Thus, I (R1 = H, R2 = CF3, R3 = Me, R4 = F, R5 = cyano) (II; R6 = NH2) was diazotized and the product condensed with CH2:CHCO2Me to give, after ozonation, II (R6 = CHO). Data for biol. activity of I were given.

IT 187329-02-8P 187329-03-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of phenyluracils as herbicides)

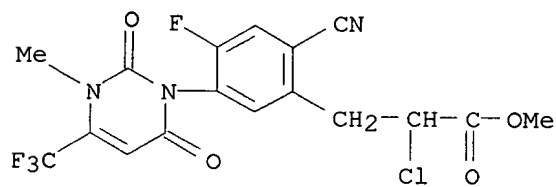
RN 187329-02-8 CAPLUS

CN Benzenepropanoic acid,

.alpha.-chloro-2-cyano-5-[3,6-dihydro-3-methyl-2,6-

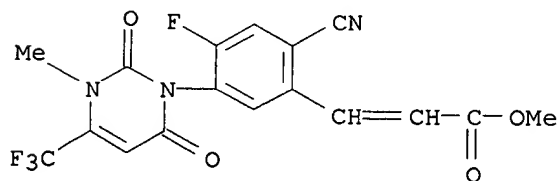
dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-, methyl ester
(9CI)

(CA INDEX NAME)



RN 187329-03-9 CAPLUS

CN 2-Propenoic acid, 3-[2-cyano-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, methyl ester (9CI)
(CA INDEX NAME)



6 L9 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1997:568131 CAPLUS

DOCUMENT NUMBER: 127:248239

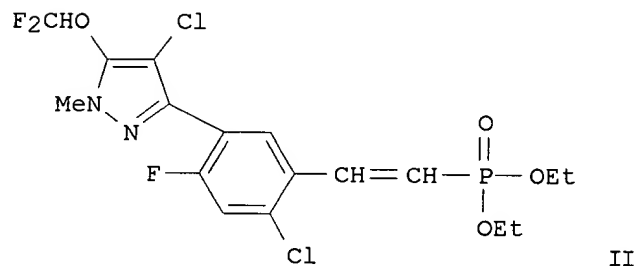
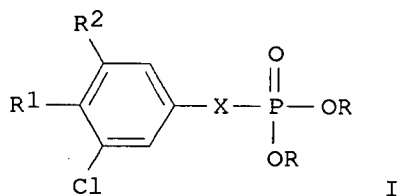
TITLE: Herbicidal aromatic phosphonic acid derivatives

INVENTOR(S): Zagar, Cyrill; Heistracher, Elisabeth; Menke, Olaf;
Hamprecht, Gerhard; Menges, Markus; Schafer, Peter;
Westphalen, Karl-Otto; Misslitz, Ulf; Walter, Helmut

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; Zagar, Cyrill;
Heistracher, Elisabeth; Menke, Olaf; Hamprecht,
Gerhard; Menges, Markus; Schafer, Peter; Westphalen,

SOURCE: Karl-Otto; Misslitz, Ulf; Walter, Helmut
PCT Int. Appl., 240 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: .

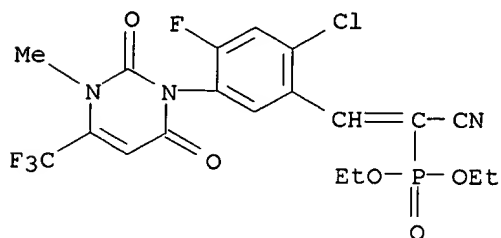
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9730060	A1	19970821	WO 1997-EP733	19970217
W: AU, BG, BR, BY, CA, CN, CZ, GE, HU, IL, JP, KE, KR, KZ, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
ZA 9701253	A	19980814	ZA 1997-1253	19970214
AU 9717258	A1	19970902	AU 1997-17258	19970217
EP 879239	A1	19981125	EP 1997-904454	19970217
R: CH, DE, FR, GB, LI				
JP 2000504708	T2	20000418	JP 1997-529004	19970217
US 6175007	B1	20010116	US 1998-117665	<u>19980804</u>
PRIORITY APPLN. INFO.:			DE 1996-19605765	19960216
			WO 1997-EP733	19970217
OTHER SOURCE(S):			MARPAT 127:248239	
GI				



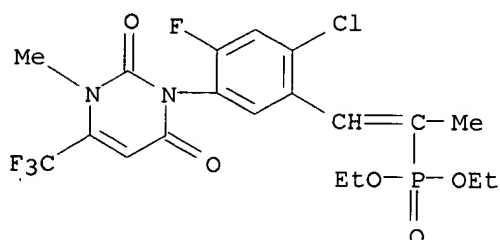
AB Eighty-five title compds. (I, R = H, Me, Et, Pr, i-Pr, Bu, i-Bu, s-Bu, F3CCH2, MeOCH2CH2, allyl, propargyl, MeO2CCH2, Ph; R1 = H, Cl, F; R2 = heterocyclyl; X = CH:CR3, CH2CHR3, R3 = H, Cl, Br, CN, Me, etc.) were prepd. by condensation of methanephosphonates with benzaldehydes or by addn. of anilines to vinylphosphonates. E.g., 2-chloro-5-(4-chloro-5-difluoromethoxy-1-methyl-1H-pyrazol-3-yl)-4-fluorobenzaldehyde was treated with tetra-Et methanediphosphonate and NaH in PhMe to give vinylphosphonate II. Compd. II exhibited selective herbicidal activity against velvet leaf, redroot pigweed and black nightshade in a rice culture.

IT **195814-71-2P 195814-72-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 195814-71-2 CAPLUS
 CN Phosphonic acid, [2-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-1-cyanoethenyl]-, diethyl ester (9CI) (CA INDEX NAME)



RN 195814-72-3 CAPLUS
 CN Phosphonic acid, [2-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-1-methylethenyl]-, diethyl ester (9CI) (CA INDEX NAME)



ANSWER 7 OF 13 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1997:184658 CAPLUS

DOCUMENT NUMBER: 126:186101

TITLE: Preparation of substituted phenyluracils as herbicides.

INVENTOR(S): Andree, Roland; Drewes, Mark Wilhelm; Dollinger, Markus; Santel, Hans-Joachim

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 24 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

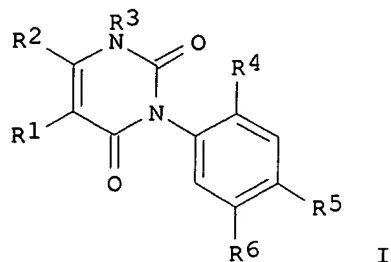
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19528186	A1	19970206	DE 1995-19528186	19950801
WO 9705118	A1	19970213	WO 1996-EP3223	19960722
W: AU, BB, BG, BR, BY, CA, CN, CZ, HU, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, TR, UA, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2228255	AA	19970213	CA 1996-2228255	19960722
AU 9666586	A1	19970226	AU 1996-66586	19960722
EP 843667	A1	19980527	EP 1996-926381	19960722
R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
CN 1197455	A	19981028	CN 1996-197117	19960722
JP 11510796	T2	19990921	JP 1996-507208	19960722

OTHER SOURCE(S):

MARPAT 126:186101

GI



AB Title compds. [I; R1 = H, halo, (substituted) alkyl; R2 = (substituted) alkyl; R3 = H, amino, (substituted) alkyl, alkenyl, alkynyl; R4 = H, cyano, halo; R5 = cyano, thiocarbamoyl; R6 = (CR7R8)2R9, CR7:CR8R9; R7,

R8

= H, OH, SH, halo, (substituted) alkyl, alkoxy, alkylthio; R9 = cyano, CO2R10, CONR11R12; R10, R12 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; R11 = H, (substituted) alkoxy, alkenyl, alkynyl;

R11R12

= alkylene], were prepd. Thus, 1-(5-amino-4-cyano-2-fluorophenyl)-3,6-dihydro-2,6-dioxo-3-methyl-4-trifluoromethyl-1(2H)-pyrimidine in MeCN was added dropwise to a 0.degree. mixt. of Me acrylate, tert-Bu nitrite, and CuCl2 in MeCN and the mixt. was stirred 18 h at room temp. to give 55%

1-[4-cyano-2-fluoro-5-(2-chloro-2-methoxycarbonylethyl)phenyl]-3,6-dihydro-2,6-dioxo-3-methyl-4-trifluoromethyl-1(2H)-pyrimidine. The latter at 125 g/ha postemergent gave 100% control of Abutilon, Amaranthus, Galium, Xanthium, and Setaria.

IT **187329-02-8P 187329-03-9P 187329-04-0P**

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of substituted phenyluracils as herbicides)

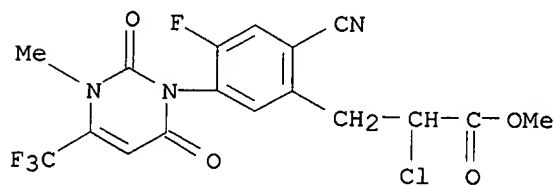
RN 187329-02-8 CAPLUS

CN Benzenepropanoic acid,

.alpha.-chloro-2-cyano-5-[3,6-dihydro-3-methyl-2,6-

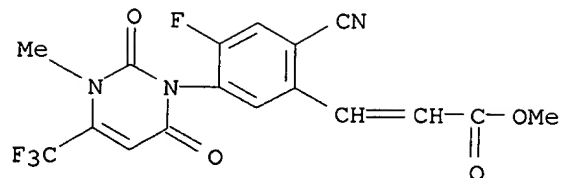
dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-, methyl ester (9CI)

(CA INDEX NAME)

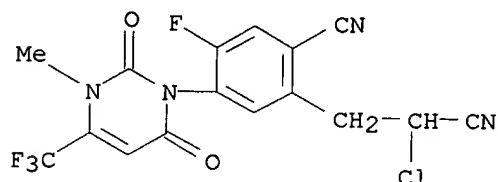


RN 187329-03-9 CAPLUS

CN 2-Propenoic acid, 3-[2-cyano-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, methyl ester (9CI)
(CA INDEX NAME)



RN 187329-04-0 CAPLUS
 CN Benzenepropanenitrile,
 .alpha.-chloro-2-cyano-5-[3,6-dihydro-3-methyl-2,6-
 dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro- (9CI) (CA INDEX
 NAME)



L9 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1996:567364 CAPLUS
 DOCUMENT NUMBER: 125:188349
 TITLE: Safened herbicidal compositions
 INVENTOR(S): Klintz, Ralf; Schaefer, Peter; Bussche-Huennefeld,
 Elisabeth; Christoph; Hamprecht, Gerhard; Heistracher,
 Bratz, Matthias; Rademacher, Wilhelm; Walter, Helmut
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: Ger. Offen., 10 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19506202	A1	19960829	DE 1995-19506202	19950223

OTHER SOURCE(S): MARPAT 125:188349

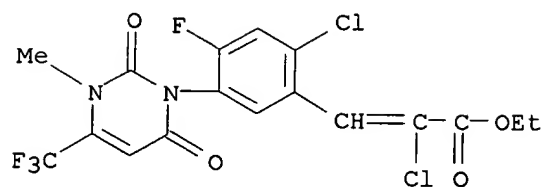
AB The title compns. comprise a known 3-phenyluracil deriv. herbicide (Markush given), 3-(2-chlorophenylmethyl)-1-(1-methyl-1-phenylethyl)urea and/or 1-(1-methyl-1-phenylethyl)-3-(4-tolyl)urea safener, liq. and/or solid carrier(s) and optional adjuvant(s).

IT **181046-25-3**
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (safened herbicidal compn.)

RN 181046-25-3 CAPLUS
 CN 2-Propenoic acid,
 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-
 (trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, ethyl ester, mixt.
 with N-[(2-chlorophenyl)methyl]-N'-(1-methyl-1-phenylethyl)urea (9CI)
 (CA INDEX NAME)

CM 1

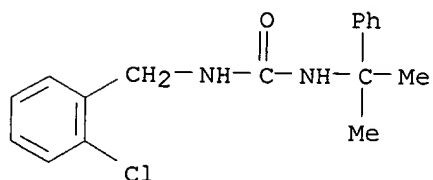
CRN 181046-24-2



CM 2

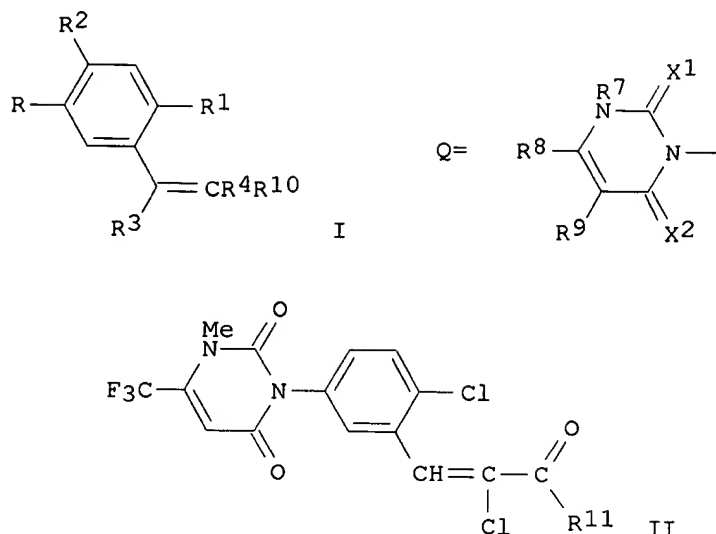
CRN 99485-76-4

CMF C17 H19 Cl N2 O



L9 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1996:211776 CAPLUS
 DOCUMENT NUMBER: 124:261065
 TITLE: Preparation of 3-(dioxypyrimido)cinnamate oximes,
 -cinnamamides, and analogs as herbicides and plant
 desiccants and defoliants
 INVENTOR(S): Klinzt, Ralf; Hamprecht, Gerhard; Heistracher,
 Elisabeth; Schaefer, Peter; Bussche-Huennefeld,
 Christoph; Muenster, Peter; Kirstgen, Reinhard;
 Harreus, Albrecht; Westphalen, Karl-Otto; et al.
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: Ger. Offen., 27 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4424791	A1	19960118	DE 1994-4424791	19940714
WO 9602518	A1	19960201	WO 1995-EP2584	19950704
W: AU, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, MX, NO, NZ, PL, RU, SG, SK, UA, US, UZ				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2195021	AA	19960201	CA 1995-2195021	19950704
AU 9529268	A1	19960216	AU 1995-29268	19950704
EP 770067	A1	19970502	EP 1995-924968	19950704
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL				
CN 1156452	A	19970806	CN 1995-194770	19950704
HU 76487	A2	19970929	HU 1997-99	19950704
BR 9508410	A	19971223	BR 1995-8410	19950704
JP 10502651	T2	19980310	JP 1995-504638	19950704
US 6013606	A	20000111	US 1997-765180	19970630
PRIORITY APPLN. INFO.:			DE 1994-4424791	19940714



AB Title compds. [I; R = 3,4,5,6-tetrahydrophthalimido (a) or
di(thi)oxotetrahydropyrimido group Q (b); R1 = halo, NO2, cyano, CF3; R2
= H or halo; R3 = H, halo, (halo)alkyl, etc.; R4 = H, halo, (halo)alkyl,
cyano; R3R4 = bond; R7 = H, NH2, (halo)alkyl; R8,R9 = H, (halo)alkyl, Ph,
etc.; R10 = C(YR5):NOR6 and R = a or b; R10 = C(:Y1)NR51OR6 and R = b; R5
= (halo)alkyl, phenyl(alkyl) etc.; R6 = H, (halo)alkyl, phenylalkyl,
etc.; R51 = H, (halo)alkyl, etc.; X1,X2,Y1 = O or S; Y = bond, O, S, O2C, etc.]
were prep'd. as herbicides and plant desiccants and defoliants (no data).
Thus, cinnamic acid II (R11 = OH) was amidated by EtONH2 to give II (R11
= NHOEt).

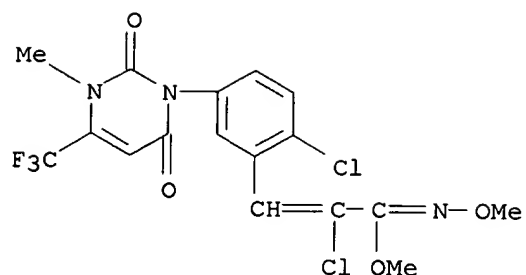
IT 175156-25-9P 175156-26-0P 175156-27-1P
175156-28-2P 175156-29-3P 175156-30-6P
175156-31-7P 175156-32-8P 175156-33-9P
175156-34-0P 175156-35-1P 175156-36-2P
175156-37-3P 175156-38-4P 175156-39-5P
175156-40-8P 175156-41-9P 175156-42-0P
175156-43-1P 175156-44-2P 175156-45-3P
175156-46-4P 175156-47-5P 175156-48-6P
175156-49-7P 175156-50-0P 175156-51-1P
175156-52-2P 175156-53-3P 175156-54-4P
175156-55-5P 175156-56-6P 175156-57-7P
175156-58-8P 175156-59-9P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except
adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP
(Preparation); USES (Uses)

(prepn. of 3-(dioxypyrimido)cinnamate oximes, -cinnamamides, and
analogs as herbicides and plant desiccants and defoliants)

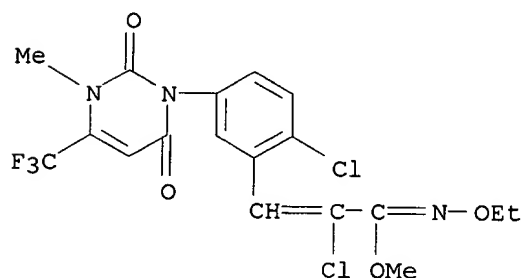
RN 175156-25-9 CAPLUS

CN 2-Propenimidic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-
dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-, methyl
ester (9CI) (CA INDEX NAME)



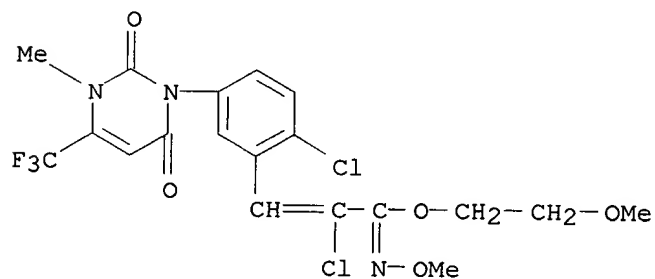
RN 175156-26-0 CAPLUS

CN 2-Propenimidic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-, methyl ester (9CI) (CA INDEX NAME)



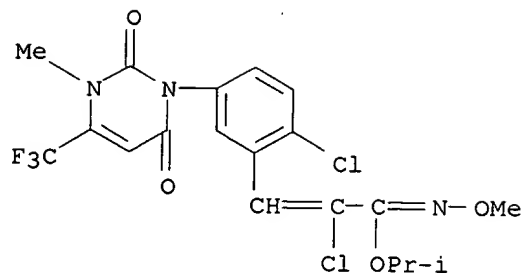
RN 175156-27-1 CAPLUS

CN 2-Propenimidic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)

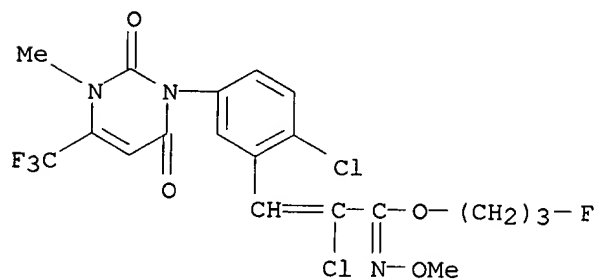


RN 175156-28-2 CAPLUS

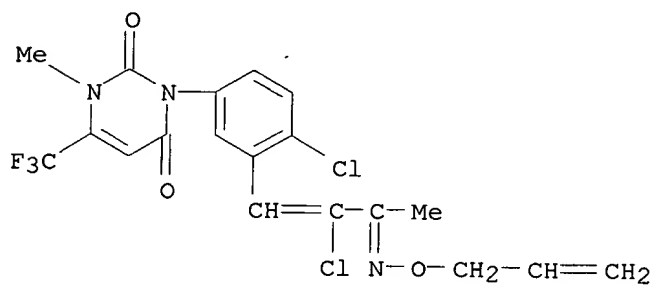
CN 2-Propenimidic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-, 1-methylethyl ester (9CI) (CA INDEX NAME)



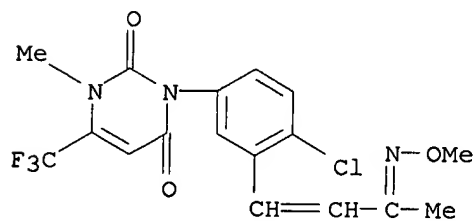
RN 175156-29-3 CAPLUS
 CN 2-Propenimidic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidin-5-yl]phenyl]-N-methoxy-, 3-fluoropropyl ester (9CI) (CA INDEX NAME)



RN 175156-30-6 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[2-chloro-3-[(2-propenyloxy)imino]-1-butenyl]phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)

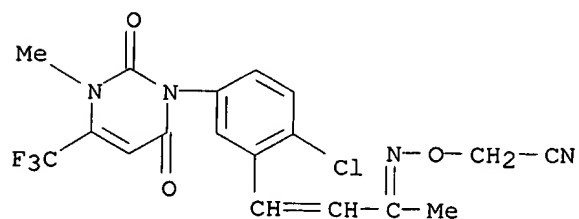


RN 175156-31-7 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[3-(methoxyimino)-1-butenyl]phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



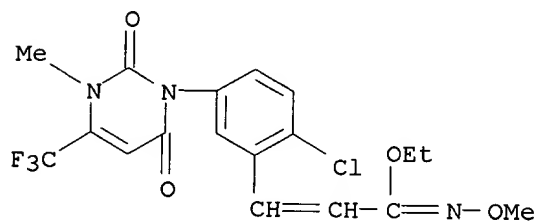
RN 175156-32-8 CAPLUS

CN Acetonitrile, [[[3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-1-methyl-2-propenylidene]amino]oxy]- (9CI) (CA INDEX NAME)



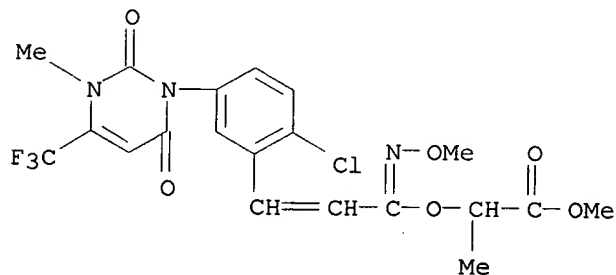
RN 175156-33-9 CAPLUS

CN 2-Propenimidic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-, ethyl ester (9CI) (CA INDEX NAME)



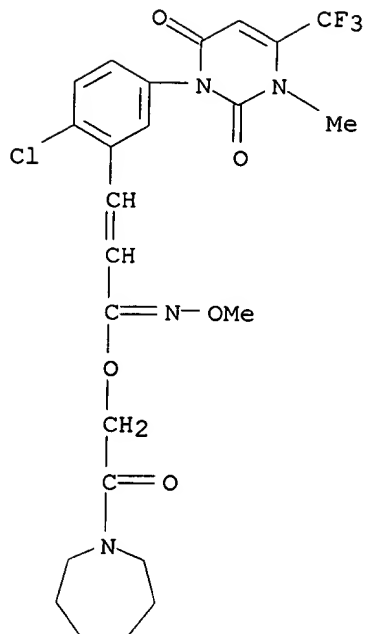
RN 175156-34-0 CAPLUS

CN Propanoic acid, 2-[[3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-1-(methoxyimino)-2-propenyl]oxy]-, methyl ester (9CI) (CA INDEX NAME)



RN 175156-35-1 CAPLUS

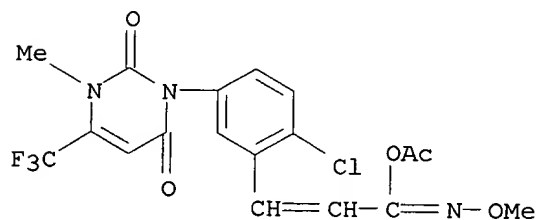
CN 2-Propenimidic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-, 2-(hexahydro-1H-azepin-1-yl)-2-oxoethyl ester (9CI) (CA INDEX NAME)



RN 175156-36-2 CAPLUS

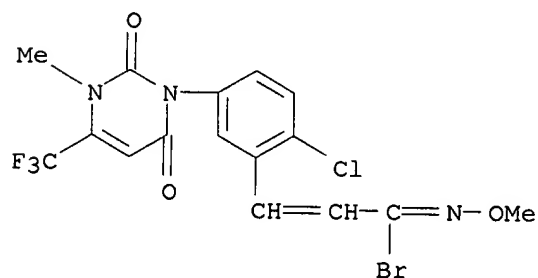
CN Acetic acid, anhydride with

3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-2-propenimidic acid (9CI) (CA INDEX NAME)



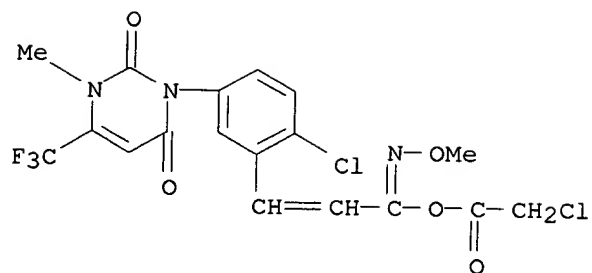
RN 175156-37-3 CAPLUS

CN 2-Propenimidoyl bromide, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy- (9CI) (CA INDEX NAME)



RN 175156-38-4 CAPLUS

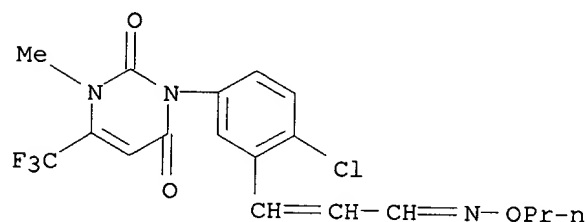
CN Acetic acid, chloro-, anhydride with 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-2-propenimidic acid (9CI) (CA INDEX NAME)



RN 175156-39-5 CAPLUS

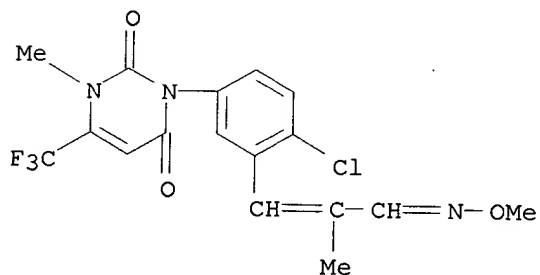
CN 2-Propenal, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-, 1-(O-propyloxime) (9CI)

(CA INDEX NAME)



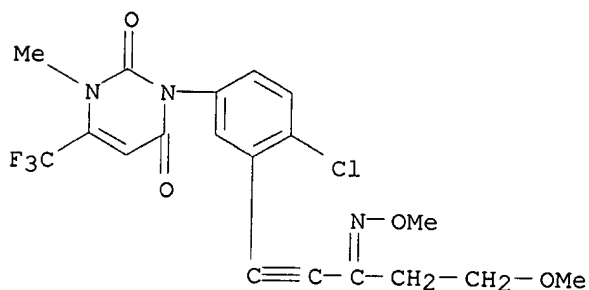
RN 175156-40-8 CAPLUS

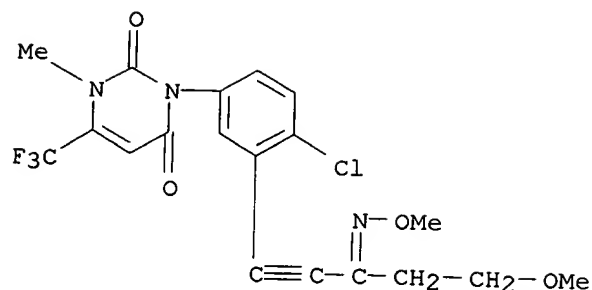
CN 2-Propenal, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-2-methyl-, 1-(O-methyloxime) (9CI) (CA INDEX NAME)



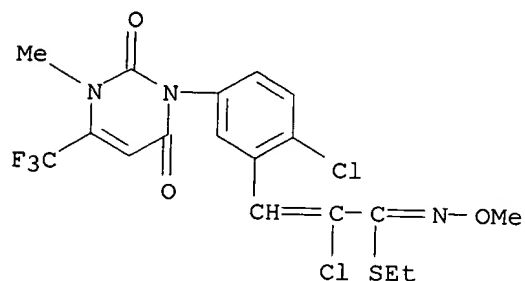
RN 175156-41-9 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[5-methoxy-3-(methoxyimino)-1-pentynyl]phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)

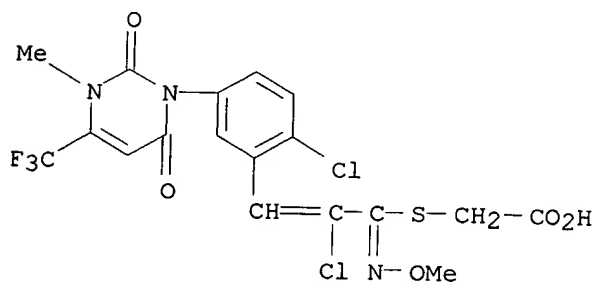




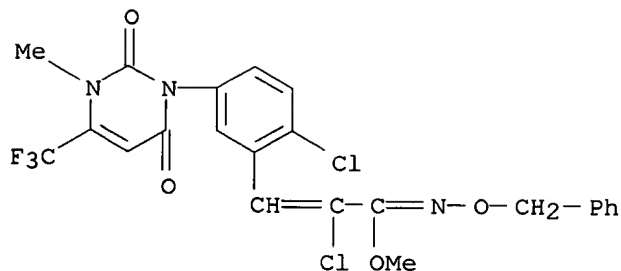
RN 175156-42-0 CAPLUS
 CN 2-Propenimidothioic acid,
 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-
 dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-, ethyl
 ester (9CI) (CA INDEX NAME)



RN 175156-43-1 CAPLUS
 CN Acetic acid, [[2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-
 (trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-1-(methoxyimino)-2-
 propenyl]thio]- (9CI) (CA INDEX NAME)

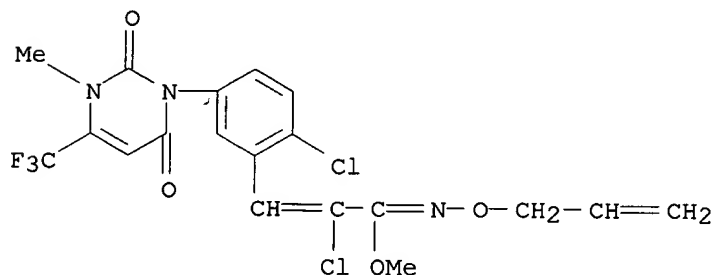


RN 175156-44-2 CAPLUS
 CN 2-Propenimidic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-
 dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-(phenylmethoxy)-,
 methyl ester (9CI) (CA INDEX NAME)



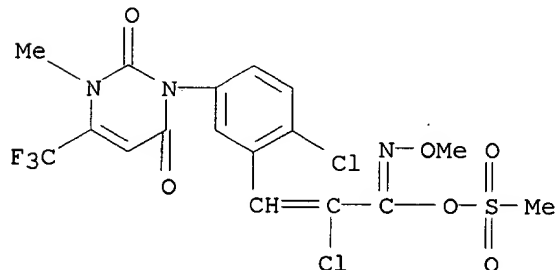
RN 175156-45-3 CAPLUS

CN 2-Propenimidic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-(2-propenyloxy)-, methyl ester (9CI) (CA INDEX NAME)



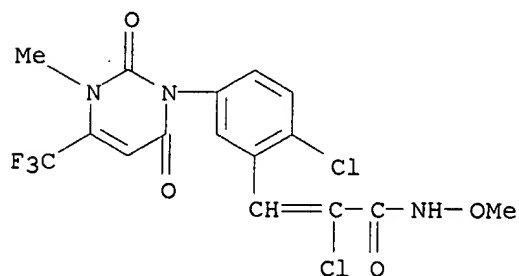
RN 175156-46-4 CAPLUS

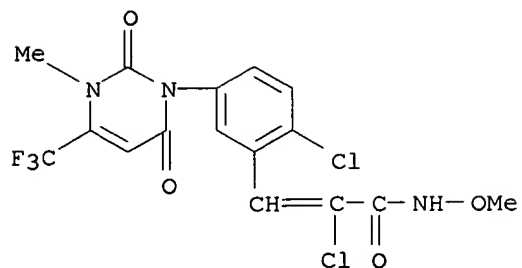
CN 2-Propenimidic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-, anhydride with methanesulfonic acid (9CI) (CA INDEX NAME)



RN 175156-47-5 CAPLUS

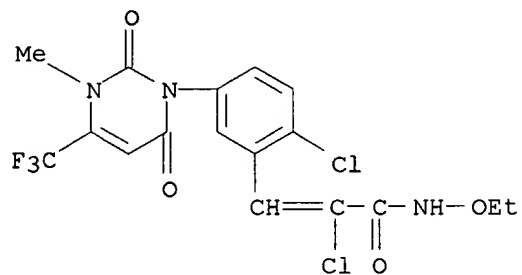
CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy- (9CI) (CA INDEX NAME)





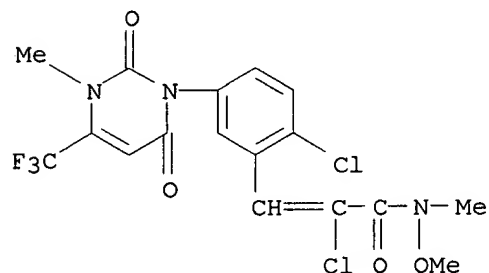
RN 175156-48-6 CAPLUS

CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-ethoxy- (9CI) (CA INDEX NAME)



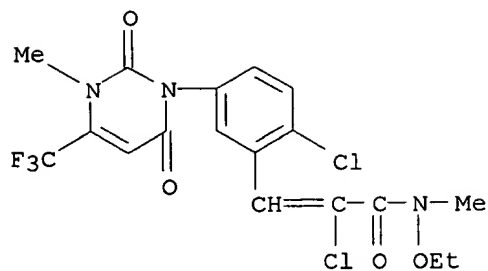
RN 175156-49-7 CAPLUS

CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy-N-methyl- (9CI) (CA INDEX NAME)



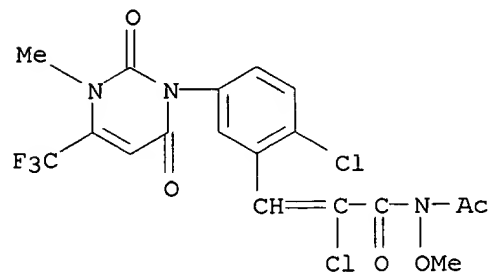
RN 175156-50-0 CAPLUS

CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-ethoxy-N-methyl- (9CI) (CA INDEX NAME)



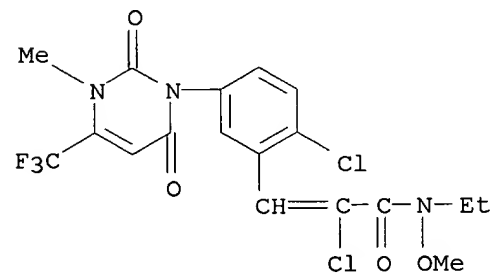
RN 175156-51-1 CAPLUS

CN 2-Propenamide, N-acetyl-2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methoxy- (9CI) (CA INDEX NAME)



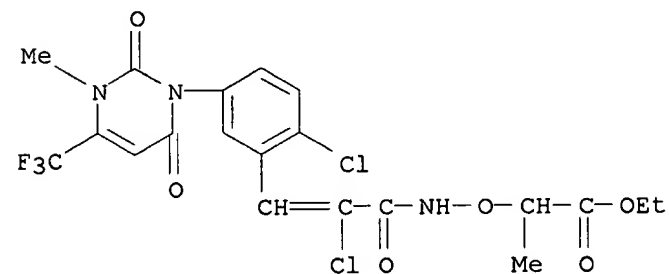
RN 175156-52-2 CAPLUS

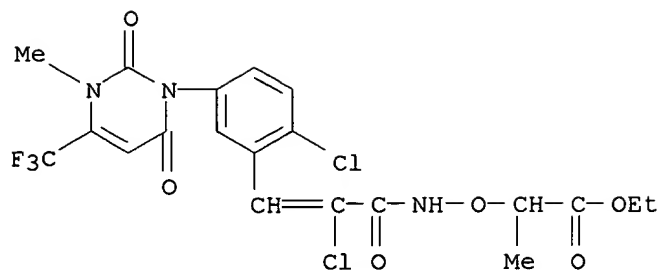
CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-ethyl-N-methoxy- (9CI) (CA INDEX NAME)



RN 175156-53-3 CAPLUS

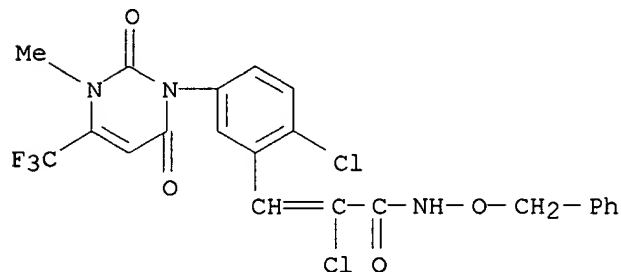
CN Propanoic acid, 2-[[[2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-1-oxo-2-propenyl]amino]oxy]-, ethyl ester (9CI) (CA INDEX NAME)





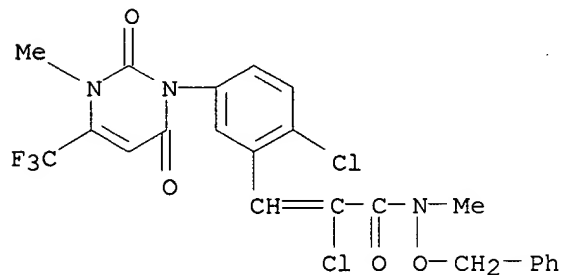
RN 175156-54-4 CAPLUS

CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidin-5-yl]phenyl]-N-(phenylmethoxy)- (9CI) (CA INDEX NAME)



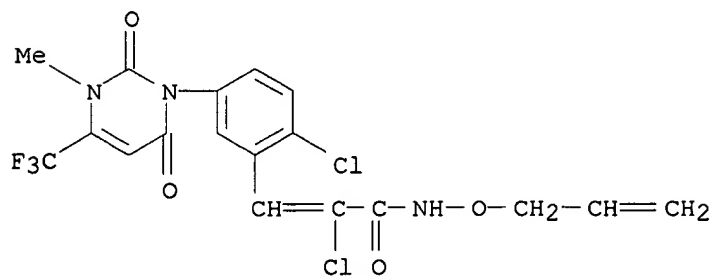
RN 175156-55-5 CAPLUS

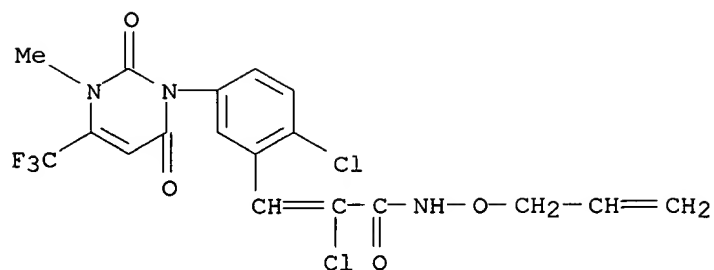
CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidin-5-yl]phenyl]-N-methyl-N-(phenylmethoxy)- (9CI) (CA INDEX NAME)



RN 175156-56-6 CAPLUS

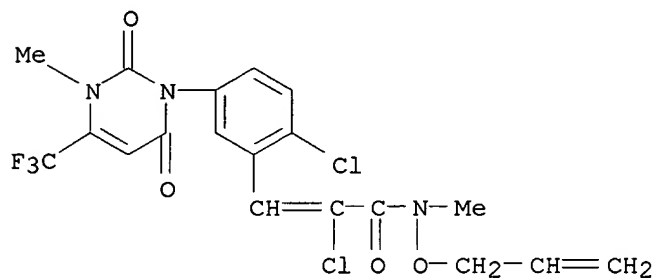
CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidin-5-yl]phenyl]-N-(2-propenyloxy)- (9CI) (CA INDEX NAME)





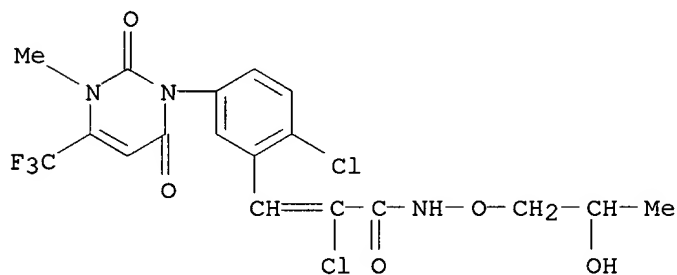
RN 175156-57-7 CAPLUS

CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-methyl-N-(2-propenyloxy)-(9CI) (CA INDEX NAME)



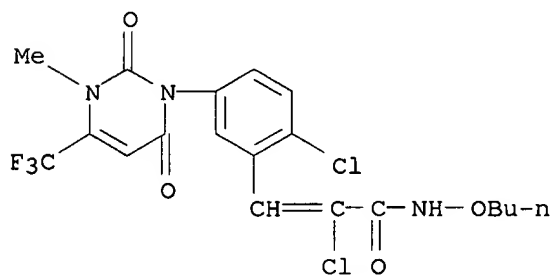
RN 175156-58-8 CAPLUS

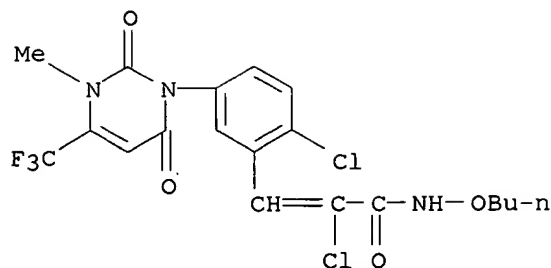
CN 2-Propenamide, 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-N-(2-hydroxypropoxy)-(9CI) (CA INDEX NAME)



RN 175156-59-9 CAPLUS

CN 2-Propenamide, N-butoxy-2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-(9CI) (CA INDEX NAME)





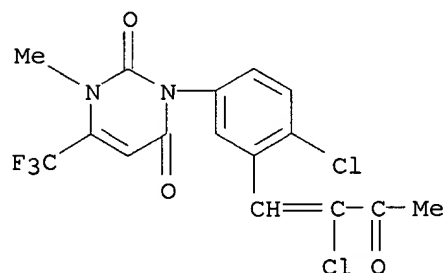
IT 175156-72-6

RL: RCT (Reactant)

(prepn. of 3-(dioxypyrimido)cinamate oximes, -cinnamamides, and analogs as herbicides and plant desiccants and defoliants)

RN 175156-72-6 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(2-chloro-3-oxo-1-butenyl)phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1993:580808 CAPLUS

DOCUMENT NUMBER: 119:180808

TITLE: Preparation of 3-arylracil derivatives as herbicides

INVENTOR(S): Wenger, Jean; Winternitz, Paul; Zeller, Jean

PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.

SOURCE: Ger. Offen., 33 pp.

CODEN: GWXXBX

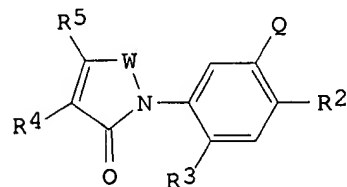
DOCUMENT TYPE: Patent

LANGUAGE: German

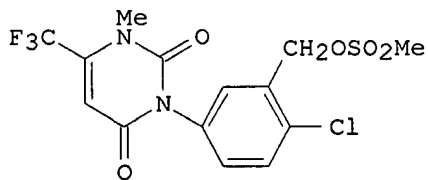
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4237920	A1	19930519	DE 1992-4237920	19921110
PRIORITY APPLN. INFO.:			CH 1991-3303	19911113
OTHER SOURCE(S):	MARPAT 119:180808			
GI				



I



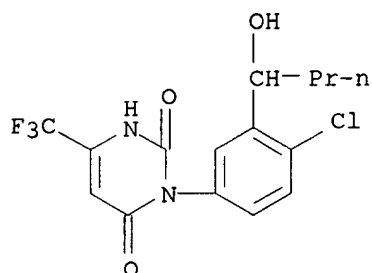
II

AB Title compds. [I; W = NR1CO, N:COR1; R1 = H, (halo)alkyl alkenyl, alkynyl;
 R2 = H, cyano; R3 = H, halo; R4 = H, halo, alkyl; R5 = (halo)alkyl; R4R5 =
 (CH2)n, n = 3, 4; R11 = alkyl, alkenyl, alkynyl; Q = CR6R7R8; R6, R7 = H, (cyclo)alkyl, cycloalkylalkyl; R8 = halo, X1R9; X1 = O, S, SO, SO2, OSO2; SSO2; R9 = H, alkyl, alkoxyalkyl, cycloalkyl, cycloalkylalkyl, haloalkyl, alkenyl, alkynyl, (substituted) aryl, PhCH2, etc.], were prepd. Thus, 2-chloro-5-[3,6-dihydro-2,6-dioxo-3-methyl-4-trifluoromethyl-1(2H)-pyrimidinyl]benzyl alc. (prepn. given) was stirred with MeSO2Cl and Et3N in THF at 0-10.degree. to give title compd. II. II at 0.3 kg/ha gave 100% control of Chenopodium, Amaranthus, Stelloria, Sinapsis, and Galium.

IT 150294-99-8P 150295-05-9P 150295-09-3P
 150295-16-2P 150295-17-3P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of, as herbicide)

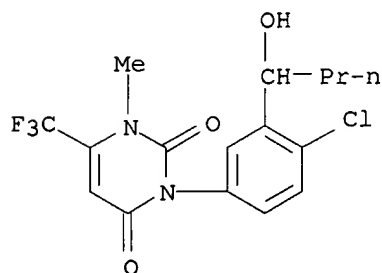
RN 150294-99-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-hydroxybutyl)phenyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



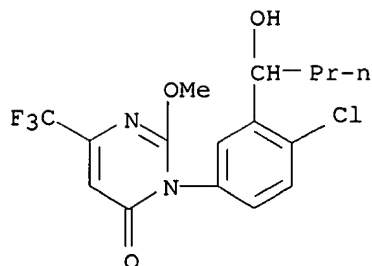
RN 150295-05-9 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione,
 3-[4-chloro-3-(1-hydroxybutyl)phenyl]-1-methyl-
 6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



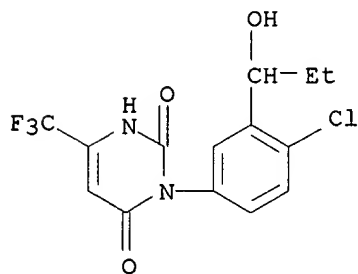
RN 150295-09-3 CAPLUS

CN 4(3H)-Pyrimidinone, 3-[4-chloro-3-(1-hydroxybutyl)phenyl]-2-methoxy-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



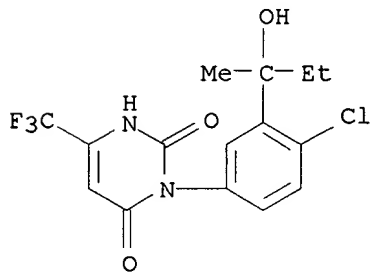
RN 150295-16-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-hydroxypropyl)phenyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 150295-17-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-hydroxy-1-methylpropyl)phenyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1993:560313 CAPLUS

DOCUMENT NUMBER: 119:160313

TITLE: Preparation of 3-arylracils as herbicides

INVENTOR(S): Wenger, Jean; Winternitz, Paul; Zeller, Martin

PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.

SOURCE: Eur. Pat. Appl., 59 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

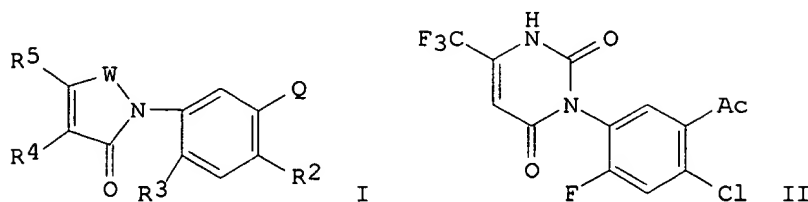
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 542685	A1	19930519	EP 1992-810853	19921104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				

US 5336663	A	19940809	US 1992-971445	19921104
JP 05294920	A2	19931109	JP 1992-328756	19921113
PRIORITY APPLN. INFO.:			CH 1991-3302	19911113
OTHER SOURCE(S):		MARPAT 119:160313		
GI				



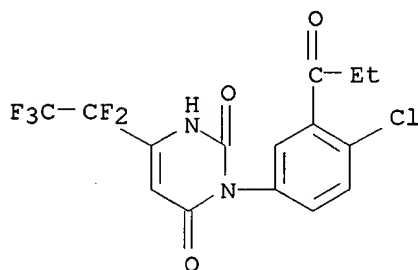
AB Title compds. [I; w = NR1Co, N:COR13; R1 = H, (halo)alkyl, alkenyl, alkynyl; R2 = halo, cyano, R3 = H, halo; R4 = H, halo, alkyl; R5 = (halo)alkyl; R4R5 = (CH2)n; n = 3,4; R13 = alkyl, alkenyl, alkynyl; Q = COR6, CR6:NOR7, (R6:NNR8R9, etc.; R6 = H, (cyclo)alkyl, cycloalkylalkyl; R7 V H, (cyclo)alkyl, alkenyl, alkynyl, (substituted) Ph, PhCH2], were prepd. Thus, Et 3-amino-4,4,4-trifluorocrotonate was stirred with NaH in DMF at -10.degree.; the mixt. was cooled to -40.degree. and treated with 3-acetyl-4-chloro-6-fluorophenylisocyanate (prepn. given) to give title compd. II. Several I at 1 kg/ha postemergent gave complete control of chenopodium, Sinapsis, and Galium.

IT 149915-19-5P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 149915-19-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-oxopropyl)phenyl]-6-(pentafluoroethyl)- (9CI) (CA INDEX NAME)



IT 149913-98-4P 149913-99-5P 149914-00-1P

149914-01-2P 149914-06-7P 149914-07-8P

149914-08-9P 149914-12-5P 149914-14-7P

149914-15-8P 149914-16-9P 149914-17-0P

149914-24-9P 149914-25-0P 149914-26-1P

149914-27-2P 149914-30-7P 149914-31-8P

149914-32-9P 149914-33-0P 149914-34-1P

149914-39-6P 149914-40-9P 149914-41-0P

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149914-56-7P 149914-57-8P 149914-58-9P

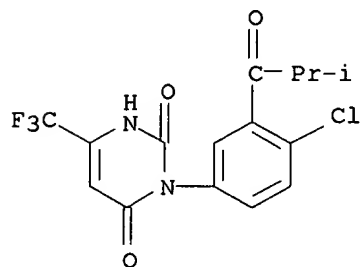
149914-61-4P 149914-62-5P 149914-63-6P

149914-64-7P 149914-75-0P 149914-78-3P

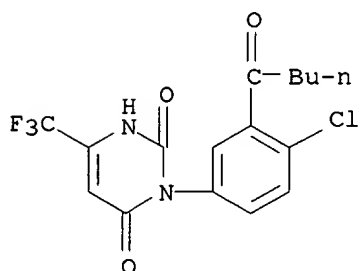
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as herbicide)

RN 149913-98-4 CAPLUS

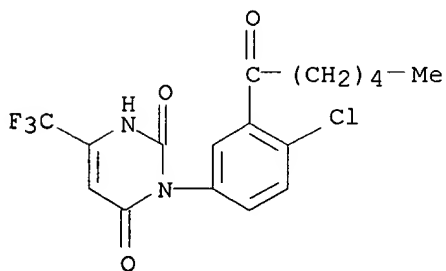
CN 2,4(1H,3H)-Pyrimidinedione,
 3-[4-chloro-3-(2-methyl-1-oxopropyl)phenyl]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



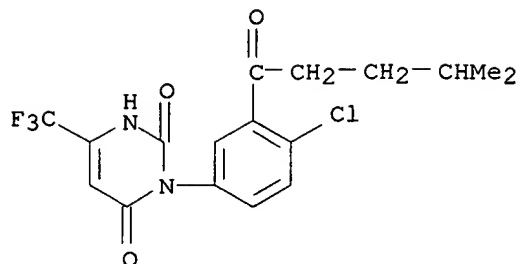
RN 149913-99-5 CAPLUS
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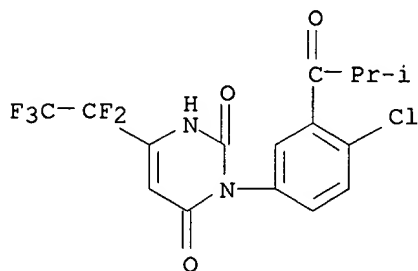
RN 149914-00-1 CAPLUS
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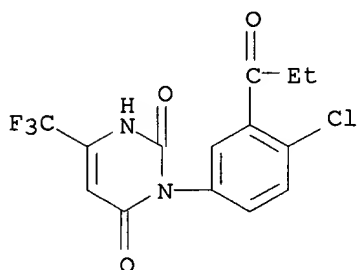
RN 149914-01-2 CAPLUS
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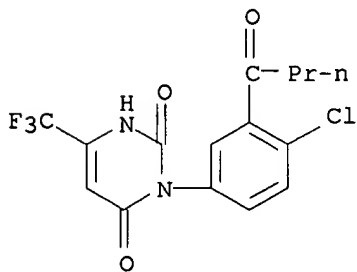
RN 149914-06-7 CAPLUS
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 (pentafluoroethyl)- (9CI) (CA INDEX NAME)



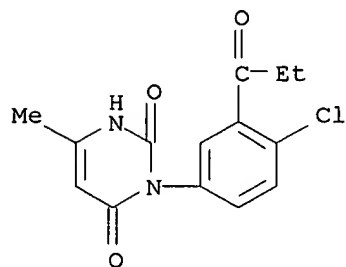
RN 149914-07-8 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-oxopropyl)phenyl]-6-
 (trifluoromethyl)- (9CI) (CA INDEX NAME)



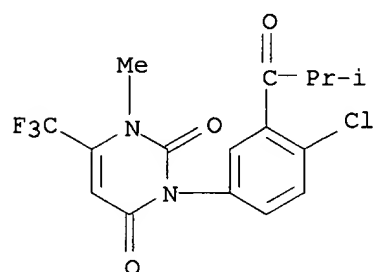
RN 149914-08-9 CAPLUS
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 (trifluoromethyl)- (9CI) (CA INDEX NAME)



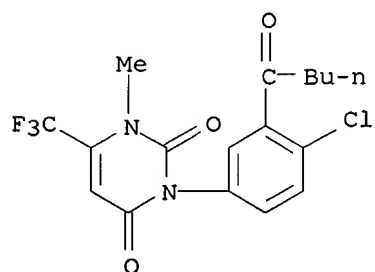
RN 149914-12-5 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-oxopropyl)phenyl]-6-methyl-
(9CI) (CA INDEX NAME)



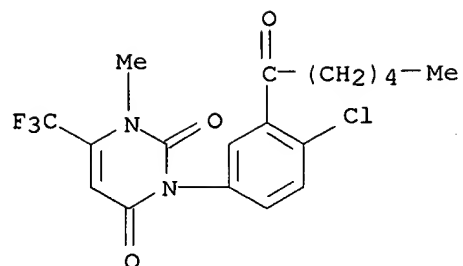
RN 149914-14-7 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione,
3-[4-chloro-3-(2-methyl-1-oxopropyl)phenyl]-1-
methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



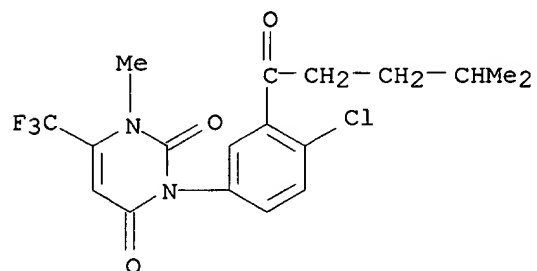
RN 149914-15-8 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione,
3-[4-chloro-3-(1-oxopentyl)phenyl]-1-methyl-6-
(trifluoromethyl)- (9CI) (CA INDEX NAME)



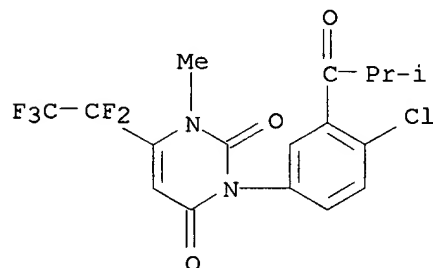
RN 149914-16-9 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-oxohexyl)phenyl]-1-methyl-6-
(trifluoromethyl)- (9CI) (CA INDEX NAME)



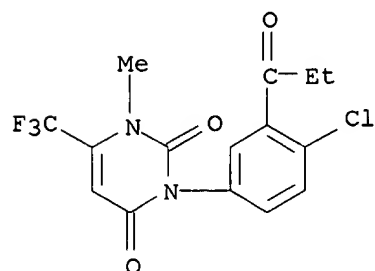
RN 149914-17-0 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione,
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 methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)

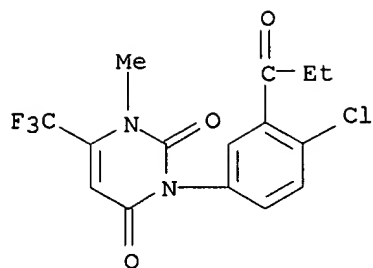


RN 149914-24-9 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione,
 3-[4-chloro-3-(2-methyl-1-oxopropyl)phenyl]-1-
 methyl-6-(pentafluoroethyl)- (9CI) (CA INDEX NAME)

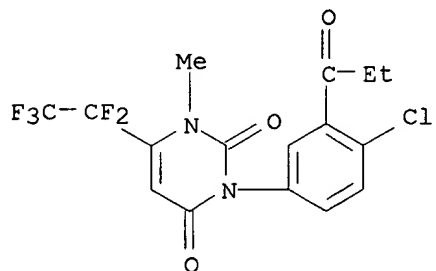


RN 149914-25-0 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione,
 3-[4-chloro-3-(1-oxopropyl)phenyl]-1-methyl-6-
 (trifluoromethyl)- (9CI) (CA INDEX NAME)

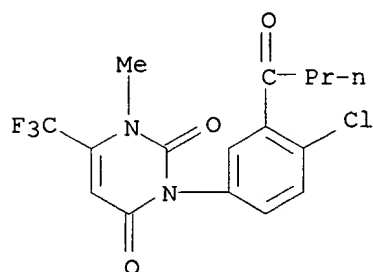




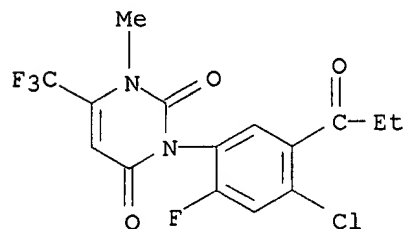
RN 149914-26-1 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione,
 3-[4-chloro-3-(1-oxopropyl)phenyl]-1-methyl-6-
 (pentafluoroethyl)- (9CI) (CA INDEX NAME)



RN 149914-27-2 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-oxobutyl)phenyl]-1-methyl-6-
 (trifluoromethyl)- (9CI) (CA INDEX NAME)

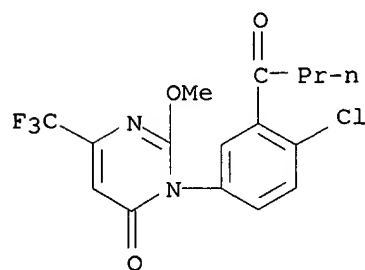


RN 149914-30-7 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione,
 3-[4-chloro-2-fluoro-5-(1-oxopropyl)phenyl]-1-
 methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



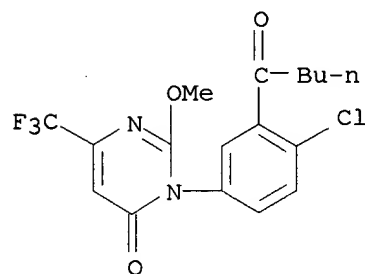
RN 149914-31-8 CAPLUS

CN 4(3H)-Pyrimidinone, 3-[4-chloro-3-(1-oxobutyl)phenyl]-2-methoxy-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



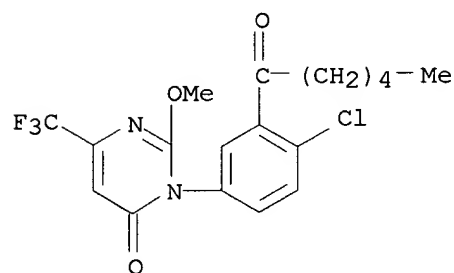
RN 149914-32-9 CAPLUS

CN 4(3H)-Pyrimidinone, 3-[4-chloro-3-(1-oxopentyl)phenyl]-2-methoxy-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



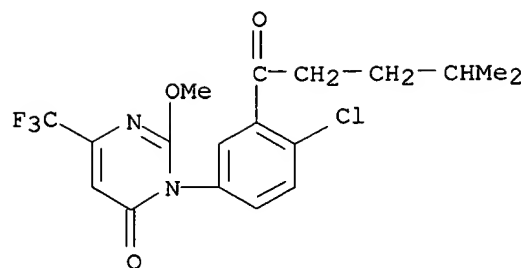
RN 149914-33-0 CAPLUS

CN 4(3H)-Pyrimidinone, 3-[4-chloro-3-(1-oxohexyl)phenyl]-2-methoxy-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



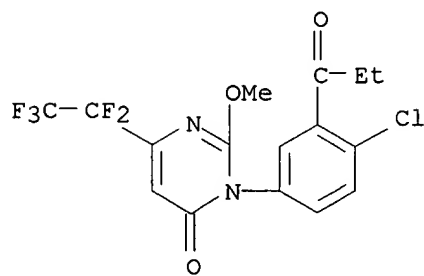
RN 149914-34-1 CAPLUS

CN 4(3H)-Pyrimidinone, 3-[4-chloro-3-(4-methyl-1-oxopentyl)phenyl]-2-methoxy-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



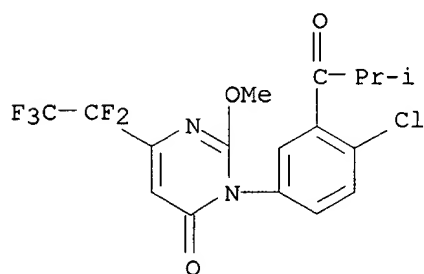
RN 149914-39-6 CAPLUS

CN 4(3H)-Pyrimidinone, 3-[4-chloro-3-(1-oxopropyl)phenyl]-2-methoxy-6-(pentafluoroethyl)- (9CI) (CA INDEX NAME)



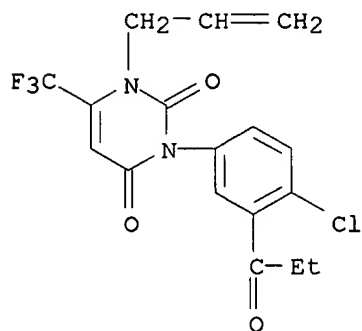
RN 149914-40-9 CAPLUS

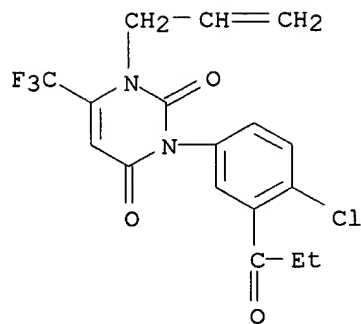
CN 4(3H)-Pyrimidinone, 3-[4-chloro-3-(2-methyl-1-oxopropyl)phenyl]-2-methoxy-6-(pentafluoroethyl)- (9CI) (CA INDEX NAME)



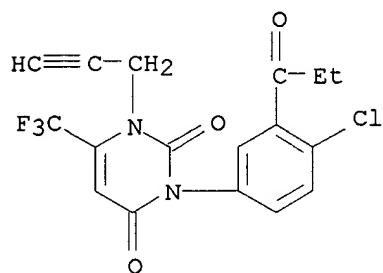
RN 149914-41-0 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-oxopropyl)phenyl]-1-(2-propenyl)-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)

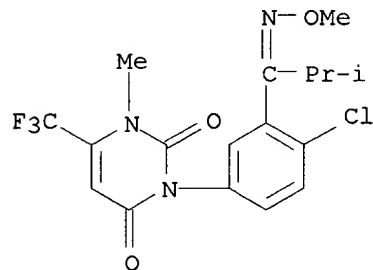




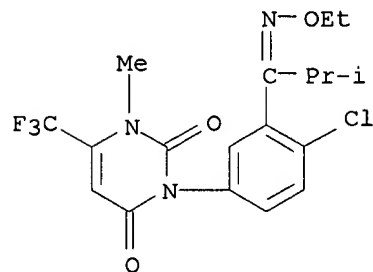
RN 149914-42-1 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(1-oxopropyl)phenyl]-1-(2-propynyl)-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



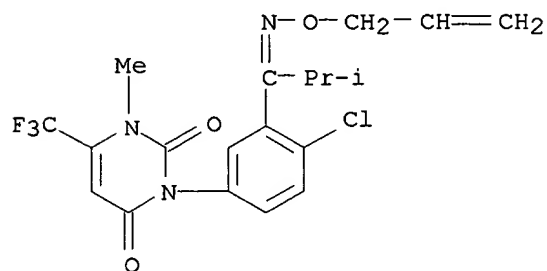
RN 149914-54-5 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[1-(methoxyimino)-2-methylpropyl]phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



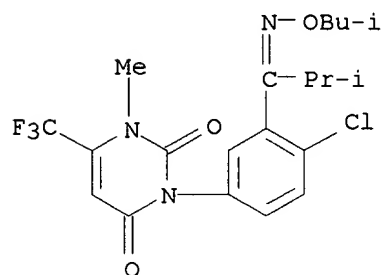
RN 149914-55-6 CAPLUS
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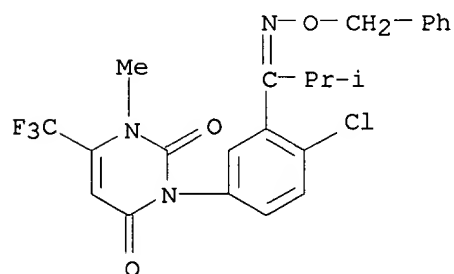
RN 149914-56-7 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[2-methyl-1-[(2-propenyloxy)imino]propyl]phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



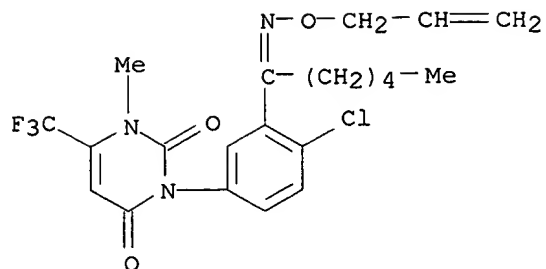
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RN 149914-58-9 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[2-methyl-1-[(phenylmethoxy)imino]propyl]phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)

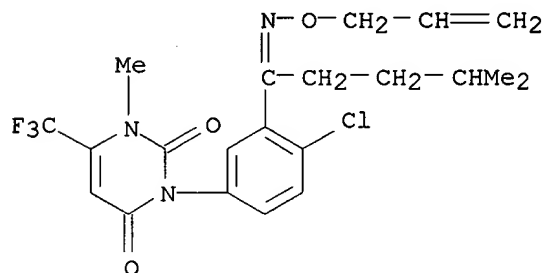


RN 149914-61-4 CAPLUS
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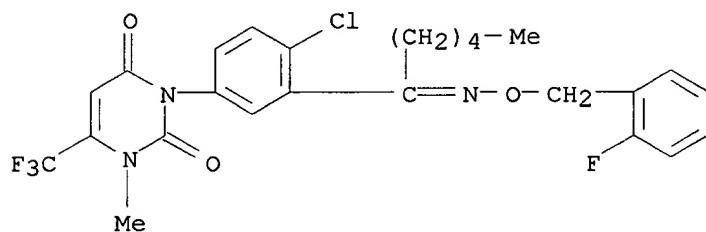
RN 149914-62-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[4-methyl-1-[(2-propenyloxy)imino]pentyl]phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



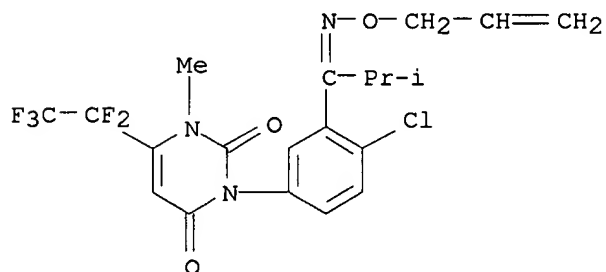
RN 149914-63-6 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[1-[(2-fluorophenyl)methoxy]imino]hexyl]phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)

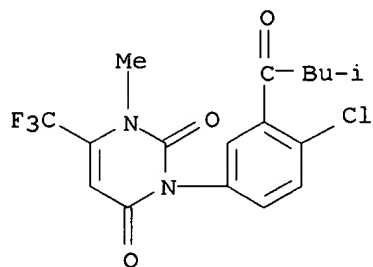


RN 149914-64-7 CAPLUS

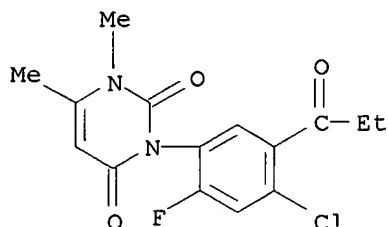
CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-[2-methyl-1-[(2-propenyloxy)imino]propyl]phenyl]-1-methyl-6-(pentafluoroethyl)- (9CI) (CA INDEX NAME)



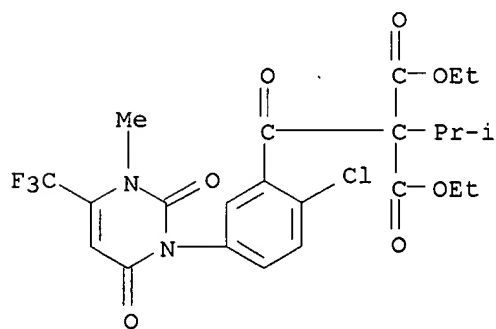
RN 149914-75-0 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-3-(3-methyl-1-oxobutyl)phenyl]-1-methyl-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 149914-78-3 CAPLUS
 CN 2,4(1H,3H)-Pyrimidinedione, 3-[4-chloro-2-fluoro-5-(1-oxopropyl)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



IT 149915-18-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as intermediate for aryluracil deriv. herbicide)
 RN 149915-18-4 CAPLUS
 CN Propanedioic acid, [2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]benzoyl](1-methylethyl)-, diethyl ester (9CI) (CA INDEX NAME)

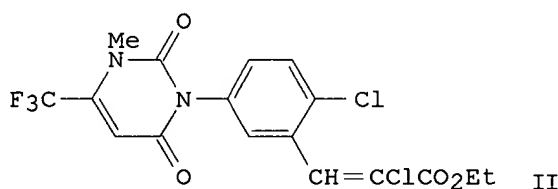
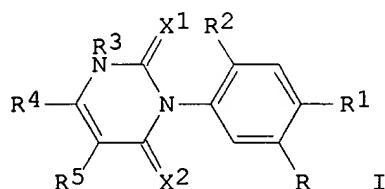


L9 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1993:517271 CAPLUS
 DOCUMENT NUMBER: 119:117271
 TITLE: Preparation of 3-phenyluracils as herbicides, defoliants, and insecticides
 INVENTOR(S): Klintz, Ralf; Schaefer, Peter; Hamprecht, Gerhard; Heistracher, Elisabeth; Wolf, Hans Josef; Westphalen, Karl Otto; Gerber, Matthias; Kardorff, Uwe; Walter,

Helmut; Grossmann, Klaus
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: Ger. Offen., 271 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

Applicant

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4131038	A1	19930401	DE 1991-4131038	19910920
WO 9306090	A1	19930401	WO 1992-EP2088	19920910
W: BR, CA, HU, JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
EP 604491	A1	19940706	EP 1992-919190	19920910
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL				
BR 9206518	A	19950425	BR 1992-6518	19920910
HU 70880	A2	19951128	HU 1994-801	19920910
ZA 9207153	A	19940318	ZA 1992-7153	19920918
PRIORITY APPLN. INFO.:			DE 1991-4131038	19910920
			WO 1992-EP2088	19920910
OTHER SOURCE(S):		MARPAT 119:117271		
GI				



AB Title compds. I [R = C(:X₅)R₈, C(X₃R₆)(X₄R₇)R₈, CR₈:CR₉COR₁₀, CHR₈CHR₉COR₁₀, etc.; R₁ = halo, cyano, NO₂, CF₃; R₂ = H, halo; R₃ = H, (cyclo)alkyl, alkenyl, alkanoyl, etc.; R₄ = H, halo, (cyclo)alkyl, Ph, etc.; R₅ = H, halo, (cyclo)alkyl, CHO, etc.; R₆, R₇ = (alkoxy)alkyl, alkenyl, alkynyl, etc.; R₆R₇ = atoms to complete a ring; R₈ = H, cyano, (halo)alkyl, etc.; R₉ = H, halo, (halo)alkyl, etc.; R₁₀ = H, OH, alkoxy, etc.; X₁-X₄ = O, S; X₅ = O, S, (alkyl)imino, etc.] were prepd. Thus, 4,3-Cl(EtO₂CClC:CH)C₆H₃NCO (prepn. given) was cyclocondensed with F₃CC(NH₂):CHCO₂Et to give, after N-methylation, title compd. II which

gave 73% defoliation of cotton plants at 0.10 kg/ha.

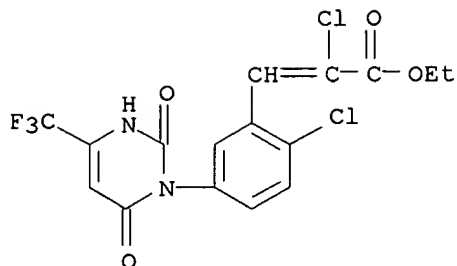
IT **149045-42-1P 149045-45-4P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as defoliant, herbicide, and insecticide)

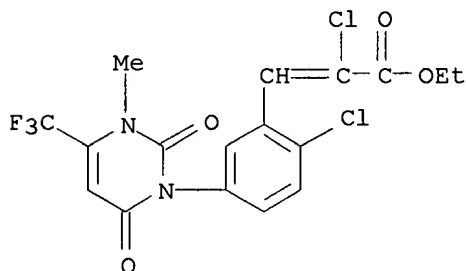
RN 149045-42-1 CAPLUS

CN 2-Propenoic acid, 2-chloro-3-[2-chloro-5-[3,6-dihydro-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-, ethyl ester (9CI) (CA

INDEX
NAME)



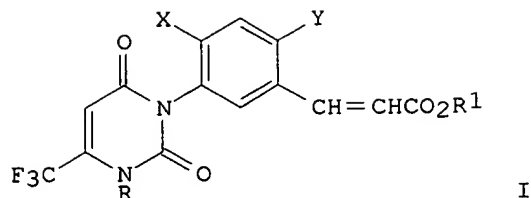
RN 149045-45-4 CAPLUS
 CN 2-Propenoic acid,
 2-chloro-3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-
 (trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-, ethyl ester (9CI) (CA
 INDEX
 NAME)



L9 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1991:185539 CAPLUS
 DOCUMENT NUMBER: 114:185539
 TITLE: Preparation of
 m-(2,6-dioxo-4-trifluoromethylpyrimidin-
 1-yl)cinnamates as herbicides.
 INVENTOR(S): Brouwer, Walter G.; Felauer, Ethel E.; Bell, Allyn R.
 PATENT ASSIGNEE(S): Uniroyal Chemical Co., Inc., USA; Uniroyal Chemical
 Ltd.
 SOURCE: U.S., 5 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4979982	A	19901225	US 1990-474955	19900202
ZA 9100466	A	19911127	ZA 1991-466	19910122
WO 9111442	A1	19910808	WO 1991-US518	19910124
W: AU, BG, BR, CA, FI, HU, JP, NO, PL, RO, SU				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
AU 9172386	A1	19910821	AU 1991-72386	19910124
CN 1054591	A	19910918	CN 1991-101126	19910201
PRIORITY APPLN. INFO.:			US 1990-474955	19900202
			WO 1991-US518	19910124

OTHER SOURCE(S): MARPAT 114:185539
 GI



AB The title compds. I (R = C1-12 alkyl, alkenyl; R1 = C1-12 alkyl and can form a carbocycle; Y, X = H, halo) were prepd. I (X = H; Y = Cl; R = Me; R1 = CHMe2) (II) was prepd. in 6 steps from 2-chloro-5-nitrobenzaldehyde. II at 11.2 kg/ha (preemergence) gave complete control of velvetleaf, jimsonweed, tall morning glory, barnyard grass, switchgrass, etc. Postemergence activity of I was also given.

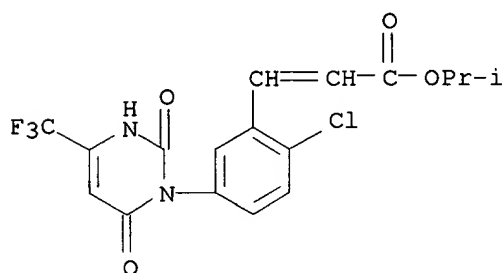
IT **133220-76-5P 133220-90-3P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and reaction of, in prepn. of herbicide)

RN 133220-76-5 CAPLUS

CN 2-Propenoic acid,

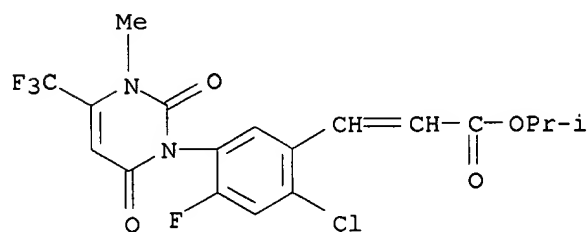
3-[2-chloro-5-[3,6-dihydro-2,6-dioxo-4-(trifluoromethyl)-
1(2H)-pyrimidinyl]phenyl]-, 1-methylethyl ester, sodium salt (9CI) (CA
INDEX NAME)



● Na

RN 133220-90-3 CAPLUS

CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, 1-methylethyl ester, sodium salt (9CI) (CA INDEX NAME)



praise

● Na

IT **133220-75-4P 133220-76-5P 133220-77-6P**
133220-78-7P 133220-79-8P 133220-80-1P

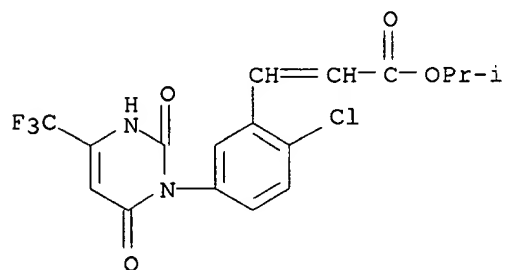
133220-81-2P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as herbicide)

RN 133220-75-4 CAPLUS

CN 2-Propenoic acid,

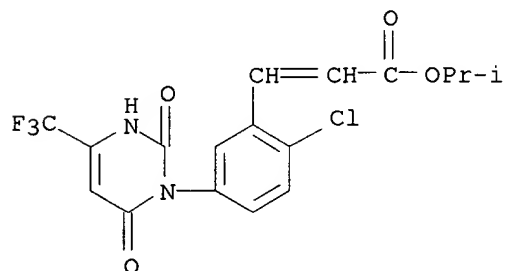
3-[2-chloro-5-[3,6-dihydro-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)



RN 133220-76-5 CAPLUS

CN 2-Propenoic acid,

3-[2-chloro-5-[3,6-dihydro-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-, 1-methylethyl ester, sodium salt (9CI) (CA INDEX NAME)

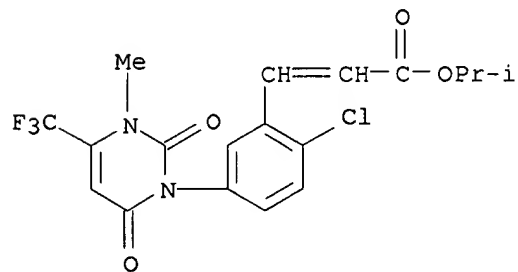


● Na

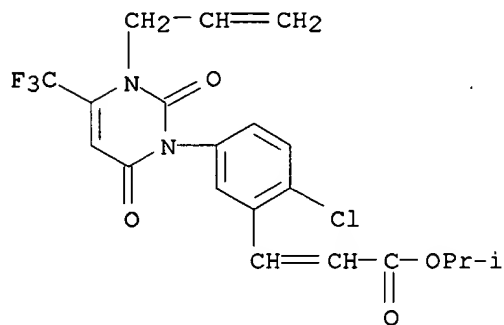
RN 133220-77-6 CAPLUS

CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-, 1-methylethyl ester (9CI)

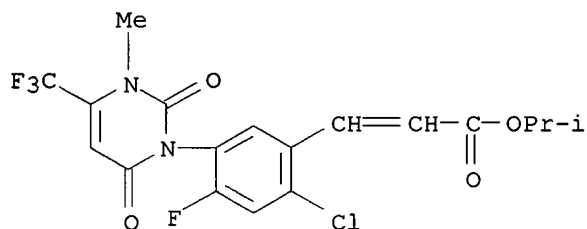
(CA INDEX NAME)



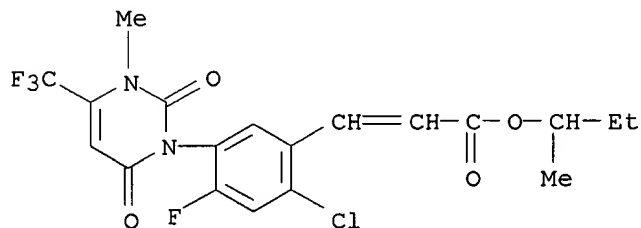
RN 133220-78-7 CAPLUS
 CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-2,6-dioxo-3-(2-propenyl)-4-(trifluoromethyl)-1(2H)-pyrimidinyl]phenyl]-, 1-methylethyl ester (9CI)
 (CA INDEX NAME)



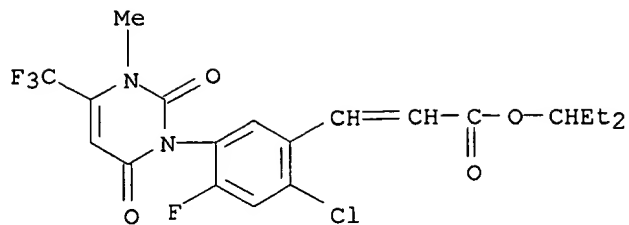
RN 133220-79-8 CAPLUS
 CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)



RN 133220-80-1 CAPLUS
 CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, 1-methylpropyl ester (9CI) (CA INDEX NAME)



RN 133220-81-2 CAPLUS
 CN 2-Propenoic acid, 3-[2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluorophenyl]-, 1-ethylpropyl ester (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 11:14:54 ON 27 MAR 2001)

FILE 'REGISTRY' ENTERED AT 11:14:59 ON 27 MAR 2001

L1 STRUCTURE UPLOADED
 L2 QUE L1
 L3 3 S L1
 L4 159 S L1 FUL
 L5 STRUCTURE UPLOADED
 L6 QUE L5
 L7 2 S L5
 L8 101 S L5 FUL SUB=L4

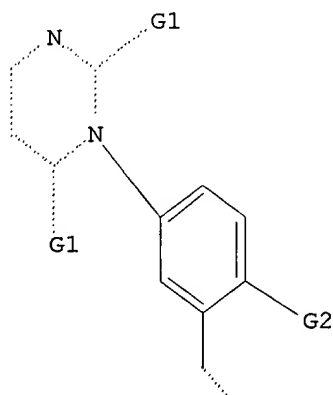
FILE 'CAPLUS' ENTERED AT 11:20:17 ON 27 MAR 2001

L9 13 S L8

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S

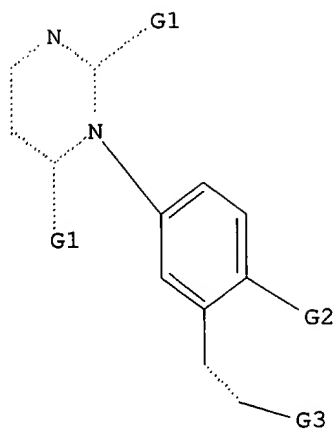
G2 X,CN,CF3,NO2

Structure attributes must be viewed using STN Express query preparation.

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L5 HAS NO ANSWERS

L5 STR



G1 O, S

G2 X, CN, CF3, NO2

G3 C, CN

Structure attributes must be viewed using STN Express query preparation.

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	55.77	223.46
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-7.64	-7.64

STN INTERNATIONAL LOGOFF AT 11:22:26 ON 27 MAR 2001